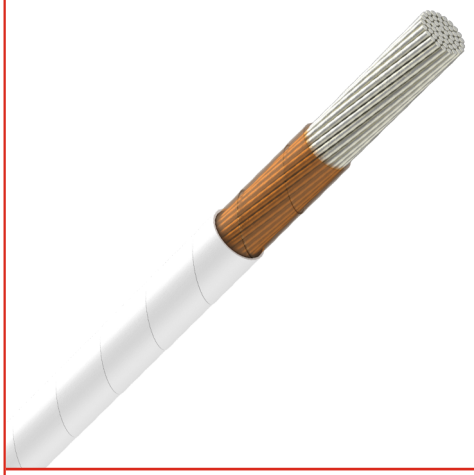
EN 2267-010A DR

Designed for general Purpose Aircraft Wiring Applications.

UV Laser printable Wire
260°C Operating Temperature Light Weight
Arc Tracking Resistant



STANDARDS

International EN 2267-010

DESCRIPTION

Design Construction

1-Core
Stranded Conductor : Nickel Plated High

Strength Copper Alloy (AWG 26 & 24) or
Nickel Plated Copper (AWG 22 to 2)

2-Insulation
Special Polyimide Tape
Special UV PTFE Tape(s)

IDENTIFICATION

Standard colour code :
White except AWG 26 which is light yellow and AWG 22 which is light green
AWG 24 is available in light blue color (EN2267-010A 002B)

Color of marking: green
Marking text: EN DR ** FR F ++

DR = Short designation
*** = AWG Wire Size*
FR = Country of origin (FR = France)
F = Manufacturer (F = Nexans)
++ = Year of production (i.e. 13 = 2013)

CHARACTERISTICS

Construction characteristics	
Size code	-
Conductor material	Nickel-plated copper
Colour	S
Insulating material	Special Polyimide Tape, Special UV PTFE Tape(s)
Dimensional characteristics	
Nominal outer diameter	- mm

Operating temp.
-55 - 260 °C

Oil resistance
Very good resistance to aircraft fluids

EN 2267-010A DR

Electrical characteristics	
Max. DC resistance of the conductor at 20°C (Ohm/km)	-
Maximal operating frequency	0.002 MHz
Operating Voltage Vo DC	28 V
Operating voltage between phase and neutral	115 V
Operating voltage between phases	200 V
Usage characteristics	
Operating temperature, range	-55 - 260 °C
Oil resistance	Very good resistance to aircraft fluids
Arc tracking resistant	Yes

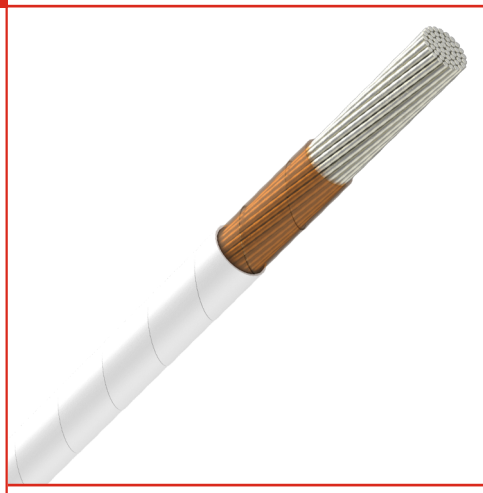
Cond.cross sect. (AWG/KCMIL)	Conductor stranding	minimum core diameter [mm]	Max. core diam. [mm]	Min. cable diam. [mm]	Max. outer diam. [mm]	Nominal weight [g/m]	Max. weight [g/m]
2	37 x 19 x 0.25	-	8.6	8.28	9.16	336.1	347
4	37 x 12 x 0.25	-	6.8	6.71	7.41	215.15	222
6	27 x 7 x 0.30	4.8	5.2	5.3	5.7	132.41	135
8	127 x 0.30	3.55	3.85	4.1	4.4	87.81	90
10	61 x 0.32	2.73	2.77	3.13	3.33	47.37	49.85
12	37 x 0.32	2.13	2.18	2.5	2.7	29.25	31.33
14	37 x 0.25	1.69	1.73	2.04	2.24	19.31	19.78
16	19 x 0.25	1.19	1.22	1.46	1.61	10.15	10.43
18	19 x 0.30	1.41	1.45	1.76	1.92	14.05	14.61
20	19 x 0.20	0.94	0.97	1.22	1.34	6.57	6.85
22	19 x 0.15	0.71	0.73	1	1.1	3.89	4.14
24	19 x 0.12	0.56	0.58	0.85	0.96	2.64	2.72
26	19 x 0.10	0.47	0.49	0.75	0.84	1.95	2.08

Operating temp.
-55 - 260 °C

Oil resistance
Very good resistance to aircraft fluids

EN 2267-010A DR

EN 2267-010A 001



International Designation: EN 2267-010A 001

Designed for general Purpose Aircraft Wiring Applications.

UV Laser printable Wire
260°C Operating Temperature Light Weight
Arc Tracking Resistant

DESCRIPTION

Design Construction

1-Core
Stranded Conductor : Nickel Plated High

Strength Copper Alloy (AWG 26 & 24) or
Nickel Plated Copper (AWG 22 to 2)

2-Insulation
Special Polyimide Tape
Special UV PTFE Tape(s)

IDENTIFICATION

Standard colour code :
White except AWG 26 which is light yellow and AWG 22 which is light green
AWG 24 is available in light blue color (EN2267-010A 002B)

Color of marking: green
Marking text: EN DR ** FR F ++

DR = Short designation
*** = AWG Wire Size*
FR = Country of origin (FR = France)
F = Manufacturer (F = Nexans)
++ = Year of production (i.e. 13 = 2013)

STANDARDS

International EN 2267-010

CHARACTERISTICS

Construction characteristics	
Size code	-
Conductor material	Nickel-plated copper
Type of conductor	Stranded Conductor: Nickel plated high Strength copper alloy
Colour	S
Insulating material	Special Polyimide Tape, Special UV PTFE Tape(s)
Dimensional characteristics	
Conductor cross-section (AWG/KCMIL)	26
Conductor stranding	19 x 0.10
minimum core diameter	0.47 mm
Maximum core diameter	0.49 mm
Minimum cable diameter	0.75 mm

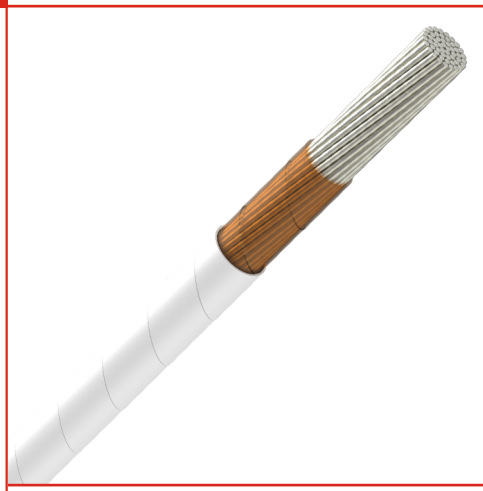
EN 2267-010A DR

EN 2267-010A 001

Dimensional characteristics	
Maximum outer diameter	0.84 mm
Nominal weight	1.95 g/m
Maximum weight	2.08 g/m
Nominal outer diameter	- mm
Electrical characteristics	
Max. DC resistance of the conductor at 20°C (Ohm/km)	-
Maximal operating frequency	0.002 MHz
Operating Voltage Vo DC	28 V
Operating voltage between phase and neutral	115 V
Operating voltage between phases	200 V
Usage characteristics	
Operating temperature, range	-55 - 260 °C
Oil resistance	Very good resistance to aircraft fluids
Arc tracking resistant	Yes

EN 2267-010A DR

EN 2267-010A 002



International Designation: EN 2267-010A 002

Designed for general Purpose Aircraft Wiring Applications.

UV Laser printable Wire
260°C Operating Temperature Light Weight
Arc Tracking Resistant

STANDARDS

International EN 2267-010

DESCRIPTION

Design Construction

1-Core
Stranded Conductor : Nickel Plated High

Strength Copper Alloy (AWG 26 & 24) or
Nickel Plated Copper (AWG 22 to 2)

2-Insulation
Special Polyimide Tape
Special UV PTFE Tape(s)

IDENTIFICATION

Standard colour code :
White except AWG 26 which is light yellow and AWG 22 which is light green
AWG 24 is available in light blue color (EN2267-010A 002B)

Color of marking: green
Marking text: EN DR ** FR F ++

DR = Short designation
*** = AWG Wire Size*
FR = Country of origin (FR = France)
F = Manufacturer (F = Nexans)
++ = Year of production (i.e. 13 = 2013)

CHARACTERISTICS

Construction characteristics	
Size code	-
Conductor material	Nickel-plated copper
Type of conductor	Stranded Conductor: Nickel plated high Strength copper alloy
Colour	S
Insulating material	Special Polyimide Tape, Special UV PTFE Tape(s)
Dimensional characteristics	
Conductor cross-section (AWG/KCMIL)	24
Conductor stranding	19 x 0.12
minimum core diameter	0.56 mm
Maximum core diameter	0.58 mm
Minimum cable diameter	0.85 mm

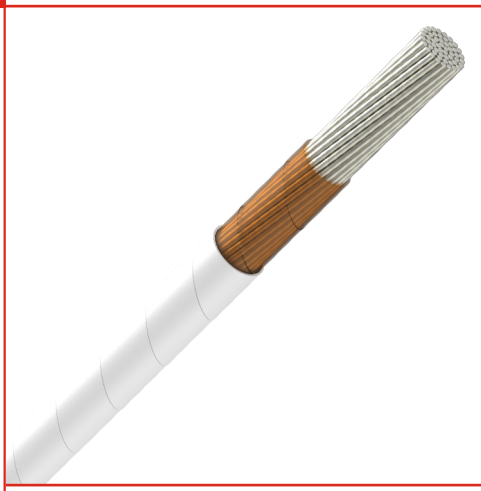
EN 2267-010A DR

EN 2267-010A 002

Dimensional characteristics	
Maximum outer diameter	0.96 mm
Nominal weight	2.64 g/m
Maximum weight	2.72 g/m
Nominal outer diameter	- mm
Electrical characteristics	
Max. DC resistance of the conductor at 20°C (Ohm/km)	-
Maximal operating frequency	0.002 MHz
Operating Voltage Vo DC	28 V
Operating voltage between phase and neutral	115 V
Operating voltage between phases	200 V
Usage characteristics	
Operating temperature, range	-55 - 260 °C
Oil resistance	Very good resistance to aircraft fluids
Arc tracking resistant	Yes

EN 2267-010A DR

EN 2267-010A 004



International Designation: EN 2267-010A 004

Designed for general Purpose Aircraft Wiring Applications.

UV Laser printable Wire
260°C Operating Temperature Light Weight
Arc Tracking Resistant

DESCRIPTION

Design Construction

1-Core
Stranded Conductor : Nickel Plated High

Strength Copper Alloy (AWG 26 & 24) or
Nickel Plated Copper (AWG 22 to 2)

2-Insulation
Special Polyimide Tape
Special UV PTFE Tape(s)

IDENTIFICATION

Standard colour code :
White except AWG 26 which is light yellow and AWG 22 which is light green
AWG 24 is available in light blue color (EN2267-010A 002B)

Color of marking: green
Marking text: EN DR ** FR F ++

DR = Short designation
*** = AWG Wire Size*
FR = Country of origin (FR = France)
F = Manufacturer (F = Nexans)
++ = Year of production (i.e. 13 = 2013)

STANDARDS

International EN 2267-010

CHARACTERISTICS

Construction characteristics	
Size code	-
Conductor material	Nickel-plated copper
Type of conductor	Stranded Conductor: Nickel plated alloy
Colour	S
Insulating material	Special Polyimide Tape, Special UV PTFE Tape(s)
Dimensional characteristics	
Conductor cross-section (AWG/KCMIL)	22
Conductor stranding	19 x 0.15
minimum core diameter	0.71 mm
Maximum core diameter	0.73 mm
Minimum cable diameter	1 mm

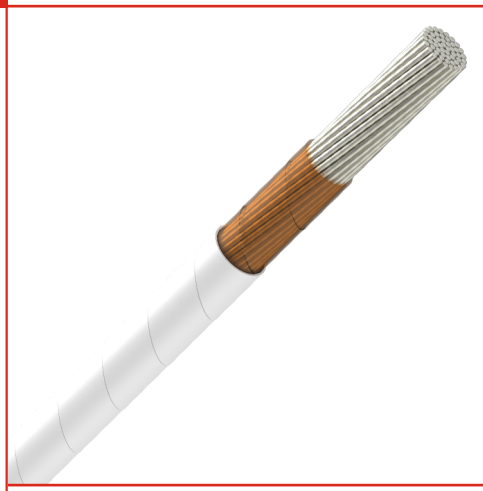
EN 2267-010A DR

EN 2267-010A 004

Dimensional characteristics	
Maximum outer diameter	1.1 mm
Nominal weight	3.89 g/m
Maximum weight	4.14 g/m
Nominal outer diameter	- mm
Electrical characteristics	
Max. DC resistance of the conductor at 20°C (Ohm/km)	-
Maximal operating frequency	0.002 MHz
Operating Voltage Vo DC	28 V
Operating voltage between phase and neutral	115 V
Operating voltage between phases	200 V
Usage characteristics	
Operating temperature, range	-55 - 260 °C
Oil resistance	Very good resistance to aircraft fluids
Arc tracking resistant	Yes

EN 2267-010A DR

EN 2267-010A 006



International Designation: EN 2267-010A 006

Designed for general Purpose Aircraft Wiring Applications.

UV Laser printable Wire
260°C Operating Temperature Light Weight
Arc Tracking Resistant

STANDARDS

International EN 2267-010

DESCRIPTION

Design Construction

1-Core
Stranded Conductor : Nickel Plated High

Strength Copper Alloy (AWG 26 & 24) or
Nickel Plated Copper (AWG 22 to 2)

2-Insulation
Special Polyimide Tape
Special UV PTFE Tape(s)

IDENTIFICATION

Standard colour code :
White except AWG 26 which is light yellow and AWG 22 which is light green
AWG 24 is available in light blue color (EN2267-010A 002B)

Color of marking: green
Marking text: EN DR ** FR F ++

DR = Short designation
*** = AWG Wire Size*
FR = Country of origin (FR = France)
F = Manufacturer (F = Nexans)
++ = Year of production (i.e. 13 = 2013)

CHARACTERISTICS

Construction characteristics	
Size code	-
Conductor material	Nickel-plated copper
Type of conductor	Stranded Conductor: Nickel plated alloy
Colour	S
Insulating material	Special Polyimide Tape, Special UV PTFE Tape(s)
Dimensional characteristics	
Conductor cross-section (AWG/KCMIL)	20
Conductor stranding	19 x 0.20
minimum core diameter	0.94 mm
Maximum core diameter	0.97 mm
Minimum cable diameter	1.22 mm

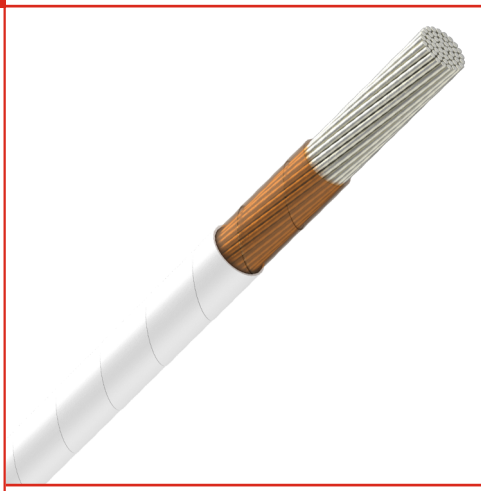
EN 2267-010A DR

EN 2267-010A 006

Dimensional characteristics	
Maximum outer diameter	1.34 mm
Nominal weight	6.57 g/m
Maximum weight	6.85 g/m
Nominal outer diameter	- mm
Electrical characteristics	
Max. DC resistance of the conductor at 20°C (Ohm/km)	-
Maximal operating frequency	0.002 MHz
Operating Voltage Vo DC	28 V
Operating voltage between phase and neutral	115 V
Operating voltage between phases	200 V
Usage characteristics	
Operating temperature, range	-55 - 260 °C
Oil resistance	Very good resistance to aircraft fluids
Arc tracking resistant	Yes

EN 2267-010A DR

EN 2267-010A 010



International Designation: EN 2267-010A 010

Designed for general Purpose Aircraft Wiring Applications.

UV Laser printable Wire
260°C Operating Temperature Light Weight
Arc Tracking Resistant

DESCRIPTION

Design Construction

1-Core
Stranded Conductor : Nickel Plated High

Strength Copper Alloy (AWG 26 & 24) or
Nickel Plated Copper (AWG 22 to 2)

2-Insulation
Special Polyimide Tape
Special UV PTFE Tape(s)

IDENTIFICATION

Standard colour code :
White except AWG 26 which is light yellow and AWG 22 which is light green
AWG 24 is available in light blue color (EN2267-010A 002B)

Color of marking: green
Marking text: EN DR ** FR F ++

DR = Short designation
*** = AWG Wire Size*
FR = Country of origin (FR = France)
F = Manufacturer (F = Nexans)
++ = Year of production (i.e. 13 = 2013)

STANDARDS

International EN 2267-010

CHARACTERISTICS

Construction characteristics	
Size code	-
Conductor material	Nickel-plated copper
Type of conductor	Stranded Conductor: Nickel plated alloy
Colour	S
Insulating material	Special Polyimide Tape, Special UV PTFE Tape(s)
Dimensional characteristics	
Conductor cross-section (AWG/KCMIL)	16
Conductor stranding	19 x 0.25
minimum core diameter	1.19 mm
Maximum core diameter	1.22 mm
Minimum cable diameter	1.46 mm

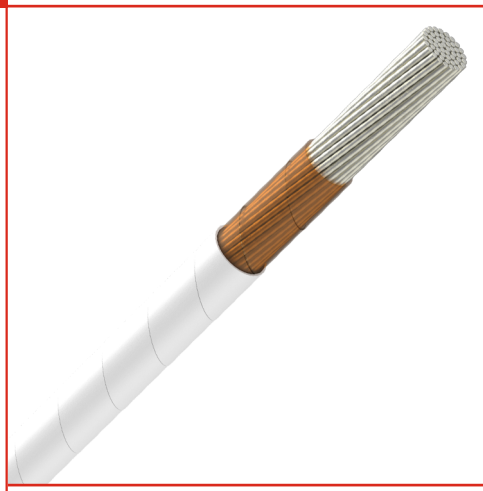
EN 2267-010A DR

EN 2267-010A 010

Dimensional characteristics	
Maximum outer diameter	1.61 mm
Nominal weight	10.15 g/m
Maximum weight	10.43 g/m
Nominal outer diameter	- mm
Electrical characteristics	
Max. DC resistance of the conductor at 20°C (Ohm/km)	-
Maximal operating frequency	0.002 MHz
Operating Voltage Vo DC	28 V
Operating voltage between phase and neutral	115 V
Operating voltage between phases	200 V
Usage characteristics	
Operating temperature, range	-55 - 260 °C
Oil resistance	Very good resistance to aircraft fluids
Arc tracking resistant	Yes

EN 2267-010A DR

EN 2267-010A 012



International Designation: EN 2267-010A 012

Designed for general Purpose Aircraft Wiring Applications.

UV Laser printable Wire
260°C Operating Temperature Light Weight
Arc Tracking Resistant

DESCRIPTION

Design Construction

1-Core
Stranded Conductor : Nickel Plated High

Strength Copper Alloy (AWG 26 & 24) or
Nickel Plated Copper (AWG 22 to 2)

2-Insulation
Special Polyimide Tape
Special UV PTFE Tape(s)

IDENTIFICATION

Standard colour code :
White except AWG 26 which is light yellow and AWG 22 which is light green
AWG 24 is available in light blue color (EN2267-010A 002B)

Color of marking: green
Marking text: EN DR ** FR F ++

DR = Short designation
*** = AWG Wire Size*
FR = Country of origin (FR = France)
F = Manufacturer (F = Nexans)
++ = Year of production (i.e. 13 = 2013)

STANDARDS

International EN 2267-010

CHARACTERISTICS

Construction characteristics	
Size code	-
Conductor material	Nickel-plated copper
Type of conductor	Stranded Conductor: Nickel plated alloy
Colour	S
Insulating material	Special Polyimide Tape, Special UV PTFE Tape(s)
Dimensional characteristics	
Conductor cross-section (AWG/KCMIL)	18
Conductor stranding	19 x 0.30
minimum core diameter	1.41 mm
Maximum core diameter	1.45 mm
Minimum cable diameter	1.76 mm

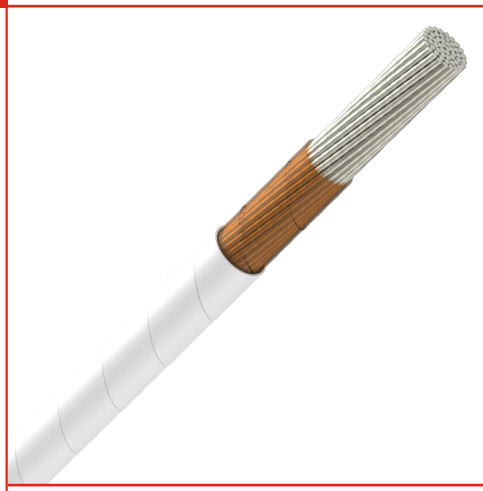
EN 2267-010A DR

EN 2267-010A 012

Dimensional characteristics	
Maximum outer diameter	1.92 mm
Nominal weight	14.05 g/m
Maximum weight	14.61 g/m
Nominal outer diameter	- mm
Electrical characteristics	
Max. DC resistance of the conductor at 20°C (Ohm/km)	-
Maximal operating frequency	0.002 MHz
Operating Voltage Vo DC	28 V
Operating voltage between phase and neutral	115 V
Operating voltage between phases	200 V
Usage characteristics	
Operating temperature, range	-55 - 260 °C
Oil resistance	Very good resistance to aircraft fluids
Arc tracking resistant	Yes

EN 2267-010A DR

EN 2267-010A 020



International Designation: EN 2267-010A 020

Designed for general Purpose Aircraft Wiring Applications.

UV Laser printable Wire
260°C Operating Temperature Light Weight
Arc Tracking Resistant

DESCRIPTION

Design Construction

1-Core
Stranded Conductor : Nickel Plated High

Strength Copper Alloy (AWG 26 & 24) or
Nickel Plated Copper (AWG 22 to 2)

2-Insulation
Special Polyimide Tape
Special UV PTFE Tape(s)

IDENTIFICATION

Standard colour code :
White except AWG 26 which is light yellow and AWG 22 which is light green
AWG 24 is available in light blue color (EN2267-010A 002B)

Color of marking: green
Marking text: EN DR ** FR F ++

DR = Short designation
*** = AWG Wire Size*
FR = Country of origin (FR = France)
F = Manufacturer (F = Nexans)
++ = Year of production (i.e. 13 = 2013)

STANDARDS

International EN 2267-010

CHARACTERISTICS

Construction characteristics	
Size code	
Conductor material	Nickel-plated copper
Type of conductor	Stranded Conductor: Nickel plated alloy
Colour	S
Insulating material	Special Polyimide Tape, Special UV PTFE Tape(s)
Dimensional characteristics	
Conductor cross-section (AWG/KCMIL)	14
Conductor stranding	37 x 0.25
minimum core diameter	1.69 mm
Maximum core diameter	1.73 mm
Minimum cable diameter	2.04 mm

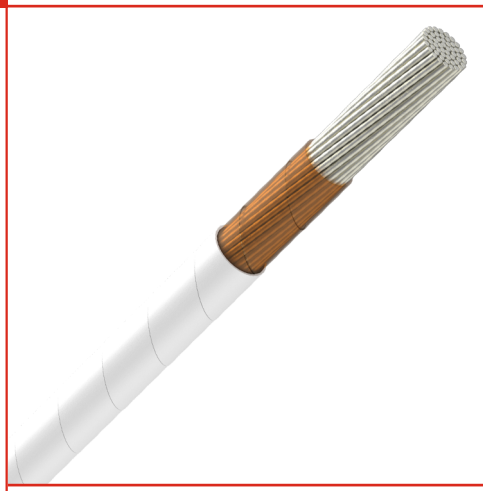
EN 2267-010A DR

EN 2267-010A 020

Dimensional characteristics	
Maximum outer diameter	2.24 mm
Nominal weight	19.31 g/m
Maximum weight	19.78 g/m
Nominal outer diameter	- mm
Electrical characteristics	
Max. DC resistance of the conductor at 20°C (Ohm/km)	
Maximal operating frequency	0.002 MHz
Operating Voltage Vo DC	28 V
Operating voltage between phase and neutral	115 V
Operating voltage between phases	200 V
Usage characteristics	
Operating temperature, range	-55 - 260 °C
Oil resistance	Very good resistance to aircraft fluids
Arc tracking resistant	Yes

EN 2267-010A DR

EN 2267-010A 030



International Designation: EN 2267-010A 030

Designed for general Purpose Aircraft Wiring Applications.

UV Laser printable Wire
260°C Operating Temperature Light Weight
Arc Tracking Resistant

DESCRIPTION

Design Construction

1-Core
Stranded Conductor : Nickel Plated High

Strength Copper Alloy (AWG 26 & 24) or
Nickel Plated Copper (AWG 22 to 2)

2-Insulation
Special Polyimide Tape
Special UV PTFE Tape(s)

IDENTIFICATION

Standard colour code :
White except AWG 26 which is light yellow and AWG 22 which is light green
AWG 24 is available in light blue color (EN2267-010A 002B)

Color of marking: green
Marking text: EN DR ** FR F ++

DR = Short designation
*** = AWG Wire Size*
FR = Country of origin (FR = France)
F = Manufacturer (F = Nexans)
++ = Year of production (i.e. 13 = 2013)

STANDARDS

International EN 2267-010

CHARACTERISTICS

Construction characteristics	
Size code	-
Conductor material	Nickel-plated copper
Type of conductor	Stranded Conductor: Nickel plated alloy
Colour	S
Insulating material	Special Polyimide Tape, Special UV PTFE Tape(s)
Dimensional characteristics	
Conductor cross-section (AWG/KCMIL)	12
Conductor stranding	37 x 0.32
minimum core diameter	2.13 mm
Maximum core diameter	2.18 mm
Minimum cable diameter	2.5 mm

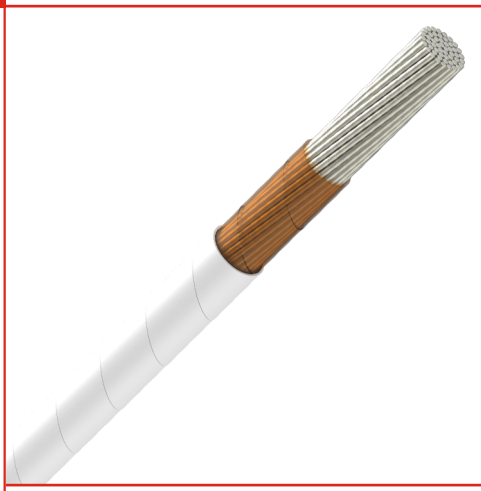
EN 2267-010A DR

EN 2267-010A 030

Dimensional characteristics	
Maximum outer diameter	2.7 mm
Nominal weight	29.25 g/m
Maximum weight	31.33 g/m
Nominal outer diameter	- mm
Electrical characteristics	
Max. DC resistance of the conductor at 20°C (Ohm/km)	-
Maximal operating frequency	0.002 MHz
Operating Voltage Vo DC	28 V
Operating voltage between phase and neutral	115 V
Operating voltage between phases	200 V
Usage characteristics	
Operating temperature, range	-55 - 260 °C
Oil resistance	Very good resistance to aircraft fluids
Arc tracking resistant	Yes

EN 2267-010A DR

EN 2267-010A 051



International Designation: EN 2267-010A 051

Designed for general Purpose Aircraft Wiring Applications.

UV Laser printable Wire
260°C Operating Temperature Light Weight
Arc Tracking Resistant

DESCRIPTION

Design Construction

1-Core
Stranded Conductor : Nickel Plated High

Strength Copper Alloy (AWG 26 & 24) or
Nickel Plated Copper (AWG 22 to 2)

2-Insulation
Special Polyimide Tape
Special UV PTFE Tape(s)

IDENTIFICATION

Standard colour code :
White except AWG 26 which is light yellow and AWG 22 which is light green
AWG 24 is available in light blue color (EN2267-010A 002B)

Color of marking: green
Marking text: EN DR ** FR F ++

DR = Short designation
*** = AWG Wire Size*
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F = Manufacturer (F = Nexans)
++ = Year of production (i.e. 13 = 2013)

STANDARDS

International EN 2267-010

CHARACTERISTICS

Construction characteristics	
Size code	-
Conductor material	Nickel-plated copper
Type of conductor	Stranded Conductor: Nickel plated alloy
Colour	S
Insulating material	Special Polyimide Tape, Special UV PTFE Tape(s)
Dimensional characteristics	
Conductor cross-section (AWG/KCMIL)	10
Conductor stranding	61 x 0.32
minimum core diameter	2.73 mm
Maximum core diameter	2.77 mm
Minimum cable diameter	3.13 mm

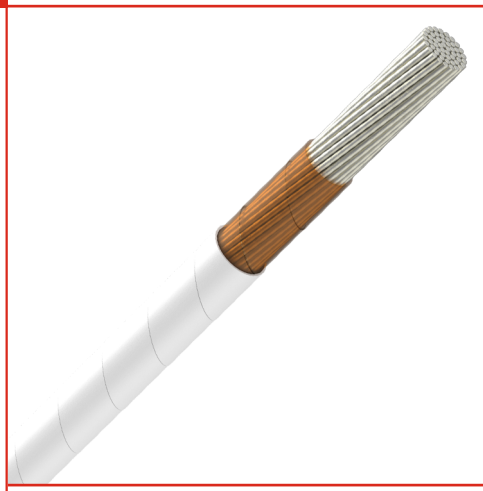
EN 2267-010A DR

EN 2267-010A 051

Dimensional characteristics	
Maximum outer diameter	3.33 mm
Nominal weight	47.37 g/m
Maximum weight	49.85 g/m
Nominal outer diameter	- mm
Electrical characteristics	
Max. DC resistance of the conductor at 20°C (Ohm/km)	-
Maximal operating frequency	0.002 MHz
Operating Voltage Vo DC	28 V
Operating voltage between phase and neutral	115 V
Operating voltage between phases	200 V
Usage characteristics	
Operating temperature, range	-55 - 260 °C
Oil resistance	Very good resistance to aircraft fluids
Arc tracking resistant	Yes

EN 2267-010A DR

EN 2267-010A 090



International Designation: EN 2267-010A 090

Designed for general Purpose Aircraft Wiring Applications.

UV Laser printable Wire
260°C Operating Temperature Light Weight
Arc Tracking Resistant

DESCRIPTION

Design Construction

1-Core
Stranded Conductor : Nickel Plated High

Strength Copper Alloy (AWG 26 & 24) or
Nickel Plated Copper (AWG 22 to 2)

2-Insulation
Special Polyimide Tape
Special UV PTFE Tape(s)

IDENTIFICATION

Standard colour code :
White except AWG 26 which is light yellow and AWG 22 which is light green
AWG 24 is available in light blue color (EN2267-010A 002B)

Color of marking: green
Marking text: EN DR ** FR F ++

DR = Short designation
*** = AWG Wire Size*
FR = Country of origin (FR = France)
F = Manufacturer (F = Nexans)
++ = Year of production (i.e. 13 = 2013)

STANDARDS

International EN 2267-010

CHARACTERISTICS

Construction characteristics	
Size code	-
Conductor material	Nickel-plated copper
Type of conductor	Stranded Conductor: Nickel plated alloy
Colour	S
Insulating material	Special Polyimide Tape, Special UV PTFE Tape(s)
Dimensional characteristics	
Conductor cross-section (AWG/KCMIL)	8
Conductor stranding	127 x 0.30
minimum core diameter	3.55 mm
Maximum core diameter	3.85 mm
Minimum cable diameter	4.1 mm

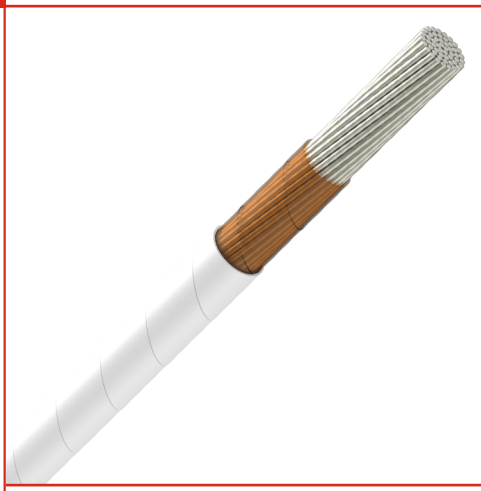
EN 2267-010A DR

EN 2267-010A 090

Dimensional characteristics	
Maximum outer diameter	4.4 mm
Nominal weight	87.81 g/m
Maximum weight	90 g/m
Nominal outer diameter	- mm
Electrical characteristics	
Max. DC resistance of the conductor at 20°C (Ohm/km)	-
Maximal operating frequency	0.002 MHz
Operating Voltage Vo DC	28 V
Operating voltage between phase and neutral	115 V
Operating voltage between phases	200 V
Usage characteristics	
Operating temperature, range	-55 - 260 °C
Oil resistance	Very good resistance to aircraft fluids
Arc tracking resistant	Yes

EN 2267-010A DR

EN 2267-010A 140



International Designation: EN 2267-010A 140

Designed for general Purpose Aircraft Wiring Applications.

UV Laser printable Wire
260°C Operating Temperature Light Weight
Arc Tracking Resistant

DESCRIPTION

Design Construction

1-Core
Stranded Conductor : Nickel Plated High

Strength Copper Alloy (AWG 26 & 24) or
Nickel Plated Copper (AWG 22 to 2)

2-Insulation
Special Polyimide Tape
Special UV PTFE Tape(s)

IDENTIFICATION

Standard colour code :
White except AWG 26 which is light yellow and AWG 22 which is light green
AWG 24 is available in light blue color (EN2267-010A 002B)

Color of marking: green
Marking text: EN DR ** FR F ++

DR = Short designation
*** = AWG Wire Size*
FR = Country of origin (FR = France)
F = Manufacturer (F = Nexans)
++ = Year of production (i.e. 13 = 2013)

STANDARDS

International EN 2267-010

CHARACTERISTICS

Construction characteristics	
Size code	-
Conductor material	Nickel-plated copper
Type of conductor	Stranded Conductor: Nickel plated alloy
Colour	S
Insulating material	Special Polyimide Tape, Special UV PTFE Tape(s)
Dimensional characteristics	
Conductor cross-section (AWG/KCMIL)	6
Conductor stranding	27 x 7 x 0.30
minimum core diameter	4.8 mm
Maximum core diameter	5.2 mm
Minimum cable diameter	5.3 mm

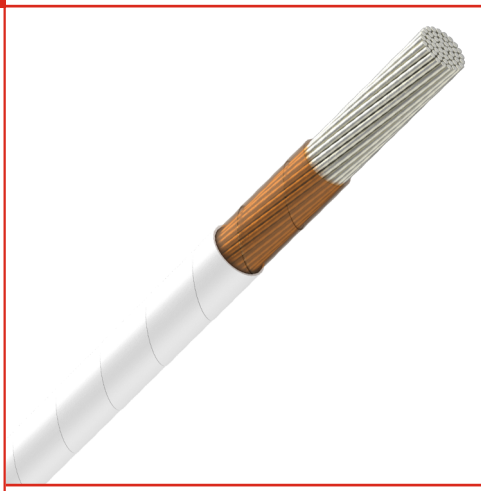
EN 2267-010A DR

EN 2267-010A 140

Dimensional characteristics	
Maximum outer diameter	5.7 mm
Nominal weight	132.41 g/m
Maximum weight	135 g/m
Nominal outer diameter	- mm
Electrical characteristics	
Max. DC resistance of the conductor at 20°C (Ohm/km)	-
Maximal operating frequency	0.002 MHz
Operating Voltage Vo DC	28 V
Operating voltage between phase and neutral	115 V
Operating voltage between phases	200 V
Usage characteristics	
Operating temperature, range	-55 - 260 °C
Oil resistance	Very good resistance to aircraft fluids
Arc tracking resistant	Yes

EN 2267-010A DR

EN 2267-010A 220



International Designation: EN 2267-010A 220

Designed for general Purpose Aircraft Wiring Applications.

UV Laser printable Wire
260°C Operating Temperature Light Weight
Arc Tracking Resistant

DESCRIPTION

Design Construction

1-Core
Stranded Conductor : Nickel Plated High

Strength Copper Alloy (AWG 26 & 24) or
Nickel Plated Copper (AWG 22 to 2)

2-Insulation
Special Polyimide Tape
Special UV PTFE Tape(s)

IDENTIFICATION

Standard colour code :
White except AWG 26 which is light yellow and AWG 22 which is light green
AWG 24 is available in light blue color (EN2267-010A 002B)

Color of marking: green
Marking text: EN DR ** FR F ++

DR = Short designation
*** = AWG Wire Size*
FR = Country of origin (FR = France)
F = Manufacturer (F = Nexans)
++ = Year of production (i.e. 13 = 2013)

STANDARDS

International EN 2267-010

CHARACTERISTICS

Construction characteristics	
Size code	-
Conductor material	Nickel-plated copper
Type of conductor	Stranded Conductor: Nickel plated alloy
Colour	S
Insulating material	Special Polyimide Tape, Special UV PTFE Tape(s)
Dimensional characteristics	
Conductor cross-section (AWG/KCMIL)	4
Conductor stranding	37 x 12 x 0.25
minimum core diameter	- mm
Maximum core diameter	6.8 mm
Minimum cable diameter	6.71 mm

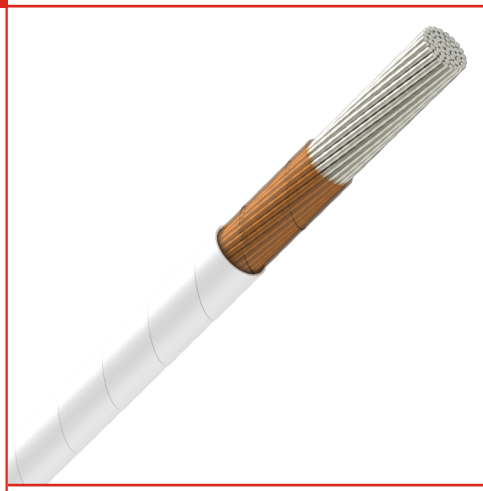
EN 2267-010A DR

EN 2267-010A 220

Dimensional characteristics	
Maximum outer diameter	7.41 mm
Nominal weight	215.15 g/m
Maximum weight	222 g/m
Nominal outer diameter	- mm
Electrical characteristics	
Max. DC resistance of the conductor at 20°C (Ohm/km)	-
Maximal operating frequency	0.002 MHz
Operating Voltage Vo DC	28 V
Operating voltage between phase and neutral	115 V
Operating voltage between phases	200 V
Usage characteristics	
Operating temperature, range	-55 - 260 °C
Oil resistance	Very good resistance to aircraft fluids
Arc tracking resistant	Yes

EN 2267-010A DR

EN 2267-010A 340



International Designation: EN 2267-010A 340

Designed for general Purpose Aircraft Wiring Applications.

UV Laser printable Wire
260°C Operating Temperature Light Weight
Arc Tracking Resistant

DESCRIPTION

Design Construction

1-Core
Stranded Conductor : Nickel Plated High

Strength Copper Alloy (AWG 26 & 24) or
Nickel Plated Copper (AWG 22 to 2)

2-Insulation
Special Polyimide Tape
Special UV PTFE Tape(s)

IDENTIFICATION

Standard colour code :
White except AWG 26 which is light yellow and AWG 22 which is light green
AWG 24 is available in light blue color (EN2267-010A 002B)

Color of marking: green
Marking text: EN DR ** FR F ++

DR = Short designation
*** = AWG Wire Size*
FR = Country of origin (FR = France)
F = Manufacturer (F = Nexans)
++ = Year of production (i.e. 13 = 2013)

STANDARDS

International EN 2267-010

CHARACTERISTICS

Construction characteristics	
Size code	-
Conductor material	Nickel-plated copper
Type of conductor	Stranded Conductor: Nickel plated alloy
Colour	S
Insulating material	Special Polyimide Tape, Special UV PTFE Tape(s)
Dimensional characteristics	
Conductor cross-section (AWG/KCMIL)	2
Conductor stranding	37 x 19 x 0.25
minimum core diameter	- mm
Maximum core diameter	8.6 mm
Minimum cable diameter	8.28 mm

EN 2267-010A DR

EN 2267-010A 340

Dimensional characteristics	
Maximum outer diameter	9.16 mm
Nominal weight	336.1 g/m
Maximum weight	347 g/m
Nominal outer diameter	- mm
Electrical characteristics	
Max. DC resistance of the conductor at 20°C (Ohm/km)	-
Maximal operating frequency	0.002 MHz
Operating Voltage Vo DC	28 V
Operating voltage between phase and neutral	115 V
Operating voltage between phases	200 V
Usage characteristics	
Operating temperature, range	-55 - 260 °C
Oil resistance	Very good resistance to aircraft fluids
Arc tracking resistant	Yes