

# TMF VRA-US SJ / TMF VR-US SJ

## Contact

Market information  
industryprojects.business@nexans.com

High Temperature Fire Resistant Shielded and Jacketed Cables

**Aero engines and high temperature applications.**

## DESCRIPTION

### CORE

**1 - TMF VRA-US** Nickel Clad High Strength Copper Alloy Conductor  
(for AWG 26 to 20)

**TMF VR-US** Nickel Clad Copper Conductor  
(for other size)

### SCREEN

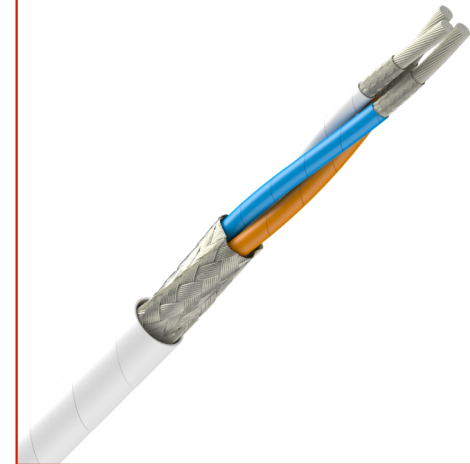
**2 -** Nickel coated copper braid

### JACKET

**3/4 -** PTFE tapes

### STANDARDS

Designed according to MIL-DTL-25038/3; MIL-DTL-27500



## STANDARDS

**International**  
Nexans specification

## CHARACTERISTICS

### Electrical characteristics

Operating voltage	600 V
Maximal operating frequency	0.002 MHz

### Usage characteristics

Operating temperature, range	-65 - 260 °C
Fire resistant	-
Oil resistance	Very good resistance to aircraft fluids

## SELLING AND DELIVERY INFORMATION

### Cores identification

#### Single core :

White with Black marking : TMF VR@-US #SJ \*\* F0241



Operating temp.  
-65 - 260 °C



Fire resistant  
-



Oil resistance  
Very good resistance to aircraft fluids

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## TMF VRA-US SJ / TMF VR-US SJ

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#### Two cores :

White with Green marking - Blue with White marking

#### Three cores :

White with Green marking - Blue with White marking - Orange with Green marking

Marking text : TMF VR@-US \*\* F0241

Marker tape placed beneath the shield.

Marking text : TMF VR@-US #SJ \*\* F0241

# = Number of Cores

@ = A : Nickel clad high strength copper alloy

\*\* = AWG

Colour of Jacket : White.



Operating temp.  
-65 - 260 °C



Fire resistant  
-



Oil resistance  
**Very good resistance to aircraft fluids**