

Material: solid contact parts MIL-type (stainless steel)	1.4305
Material: crimp ferrule	Cu
Material: serrated lock washer	CuSn6
Material: insulators	PTFE PTFE
Material: gaskets	MVQ
Finish: Inner conductor	Cu1Ni2Au1.27
Finish outer conductor: Gold (standard; last digit ...1)	NiPAu
Finish outer conductor: MIL gold (last digit ...2)	Cu1Ni2Au1.27
Finish outer conductor: Stainless steel (last digit ...6)	passivated passivated
Finish outer conductor: Type for printed circuits (last digit ...7)	SnPb8
Finish outer conductor: Telealloy (white bronze) (last digit ...8)	CuSnZn3 (Telealloy); Ag2CuSnZn0.5 (Optargen)
Finish outer conductor: Nickel (last digit ...9)	Cu2Ni5
Finish other metal parts: Gold (standard; last digit ...1)	Cu2Ni5Au0.2
Finish other metal parts: MIL gold (last digit ...2)	Cu1Ni2Au0.8
Finish other metal parts: Stainless steel (MIL type; last digit ...6)	passivated passivated
Finish other metal parts: Telealloy (white bronze) (last digit...8)	CuSnZn3
Finish other metal parts: Nickel (last digit ...9)	Cu2Ni5

Climatic Characteristics	
Climatic category acc. to IEC 60068 - 1	55/155/56

Electrical Characteristics	
Impedance	50 Ω
Voltage proof	1 kV/50 Hz

Working voltage	≤ 335 V/50 Hz
Contact resistance inner conductor	≤ 3 mΩ
Contact resistance outer conductor	≤ 2 mΩ
Insulation resistance	≥ 5 GΩ
Frequency range for flexible cable up to	12.4 GHz
Frequency range for semi-rigid cable up to (Straight style)	18.0 GHz
Frequency range for semi-rigid cable up to (Angle style)	12.4 GHz
Return loss flexible cable (straight and angle style) at 1 GHz	≥ 20.0 dB
Return loss flexible cable (straight and angle style) at 2 GHz	≥ 19.2 dB
Return loss flexible cable (straight and angle style) at 4 GHz	≥ 17.7 dB
Return loss flexible cable (straight and angle style) at 6 GHz	≥ 16.5 dB
Return loss semi-rigid cable (straight style) at 1 GHz	≥ 28.5 dB
Return loss semi-rigid cable (straight style) at 2 GHz	≥ 27.5 dB
Return loss semi-rigid cable (straight style) at 4 GHz	≥ 26.0 dB
Return loss semi-rigid cable (straight style) at 6 GHz	≥ 24.9 dB
Return loss semi-rigid cable (angle style) at 1 GHz	≥ 25.7 dB
Return loss semi-rigid cable (angle style) at 2 GHz	≥ 25.2 dB
Return loss semi-rigid cable (angle style) at 4 GHz	≥ 24.2 dB
Return loss semi-rigid cable (angle style) at 6 GHz	≥ 23.2 dB

Standards	
IEC 60 169-15	

