



Recommended coupling torque	79 - 113 Ncm
Material: spring contacts	CuBe2
Material: solid contact parts standard type	CuZn39Pb3
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
<b>Climatic Characteristics</b>	
Climatic category acc. to IEC 60068 - 1	55/155/56

Electrical Characteristics	
Impedance	50 $\Omega$
Voltage proof	1 kV/50 Hz
Working voltage	$\leq 335$ V/50 Hz
Contact resistance inner conductor	$\leq 3$ m $\Omega$
Contact resistance outer conductor	$\leq 2$ m $\Omega$
Insulation resistance	$\geq 5$ G $\Omega$
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	$\geq 20.0$ dB
Return loss flexible cable (straight and angle style) at 2 GHz	$\geq 19.2$ dB
Return loss flexible cable (straight and angle style) at 4 GHz	$\geq 17.7$ dB
Return loss flexible cable (straight and angle style) at 6 GHz	$\geq 16.5$ dB
Return loss semi-rigid cable (straight style) at 1 GHz	$\geq 28.5$ dB
Return loss semi-rigid cable (straight style) at 2 GHz	$\geq 27.5$ dB
Return loss semi-rigid cable (straight style) at 4 GHz	$\geq 26.0$ dB
Return loss semi-rigid cable (straight style) at 6 GHz	$\geq 24.9$ dB
Return loss semi-rigid cable (angle style) at 1 GHz	$\geq 25.7$ dB
Return loss semi-rigid cable (angle style) at 2 GHz	$\geq 25.2$ dB
Return loss semi-rigid cable (angle style) at 4 GHz	$\geq 24.2$ dB
Return loss semi-rigid cable (angle style) at 6 GHz	$\geq 23.2$ dB

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6 GHz	
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Standards	
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IEC 60 169-15	
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