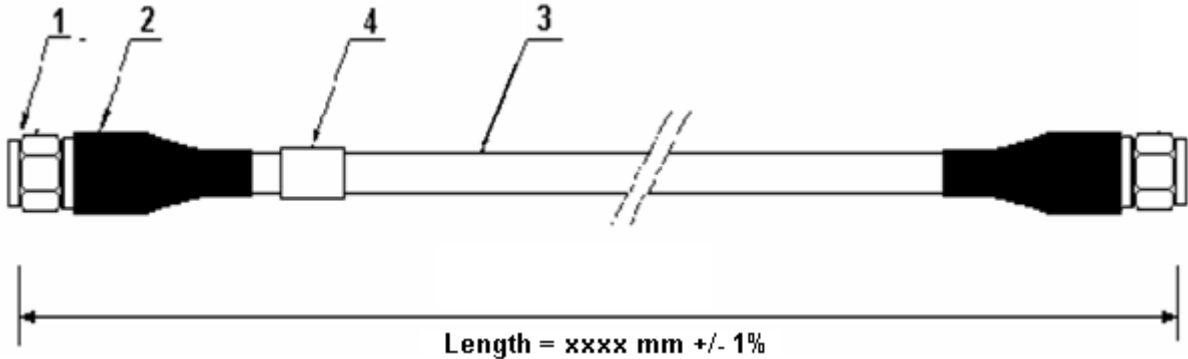


Flexible Coaxial Cable Assembly 18GHz Armored Test Cable SMA Straight Plug / SMA Straight Plug 580-0303-xxxxF



List Nomenclature

- | | |
|---|--------------------------|
| 1. SMA straight plug inox connector | A01025 |
| 2. Black Protective sleeve | A21029 |
| 3. Coaxial Cable with resilience and elastomeric protection | A91011 + A22134 + A21101 |
| 4. Identification Marking | |

Electrical Specifications

Impedance	:	50 ± 2 Ohms
Operating Frequency	:	DC to 18 GHz
Velocity of Propagation	:	69,5%
Voltage Withstand	:	1000 Veff
Shielding Effectiveness	:	-100dB min

Insertions Losses

Frequency (GHz)	2	6	10	14	18
Insertions Losses max (dB/m)	0,60	1,10	1,50	1,80	2,10

Mechanical Specifications

Inner Conductor	SCCS	
Dielectric	PTFE	
Braid 1	CuAg	
Screen	Steeled Ribbon	
Braid 2	13/100 CuAg Wire	
Jacket	FEP	Ø 4,95 mm (0,20 inches)
Static Bend radius	Ø 19,10 mm (0,750 inches) cable only	

Environmental Specifications

Operating Temperature Range : -45°C à +125°C

Conditions of delivery

Mechanical check	:	Length/Marking
Electrical test	:	Continuity / Rigidity/ROS and IL

Cable assembly provided with individuals measurements curves