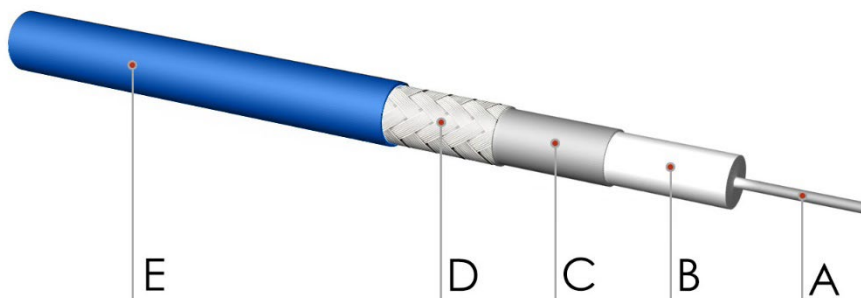


DATASHEET**FEATURES:**

- Operating up to 26.5 GHz
- Alternative to semi-flexible cables MULTIFLEX_141 and TFlex-402

Construction

ITEM	MATERIAL	DIAMETER	REMARK
A Center Conductor	(SPC) Silver-plated Copper	0.91 mm (0.036 in)	Solid Core
B Dielectric	PTFE (Poly Tetra Flour Ethylene)	3.00 mm (0.118 in)	-
C Outer Conductor	(SPC) Silver-plated copper	3.20 mm (0.126 in)	Tape Wrap
D Outer Shield	(SPC) Silver-plated copper	3.60 mm (0.141 in)	Braid
E Jacket	(FEP) Fluorinated Ethylene Propylene	4.00 mm (0.157 in)	Blue

Electrical & Mechanical Data

Characteristic Impedance	50Ω
Operating Frequency	dc - 26.5 GHz
Velocity of Propagation	70%
Operating Temperature	-55 / +125 °C (-67 / 257 °F)
Storage Temperature	-65 / +125 °C (-85 / 257 °F)
Shield Effectiveness	>90 dB
Withstanding Voltage	1000 V
Weight	49 Kg/Km
Min. Bending Radius	20 mm (single), 40 mm (multiple)

**Attenuation & Power Handling**

Frequency (GHz)	Typical Attenuation		Average max Power (W)
	(dB/100m)	(dB/100ft)	
0.3	19.9	6.1	512
1.5	47.8	14.6	213
2.0	56.3	17.2	181
4.0	84.2	25.7	121
6.0	107.5	32.8	95
8.0	128.3	39.1	80
10.0	147.6	45.0	69
12.0	168.8	51.5	62
14.0	183.2	55.9	56
16.0	199.9	60.9	51
18.0	216.1	65.9	47
26.5	280.5	85.5	36