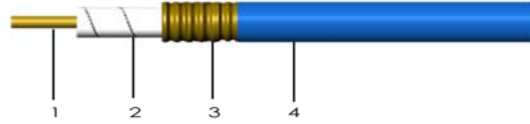


UL CMP listed (E505624), LOW PIM (≤ -160 dBc)

1/4" Superflex Plenum rated Cable

Features&Benefits

76%Vp PTFE Tape+ corrugated copper
Flame retardant, high temperature 150 °C



1 Product Structure

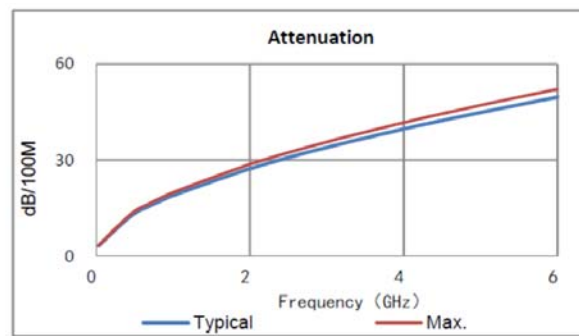
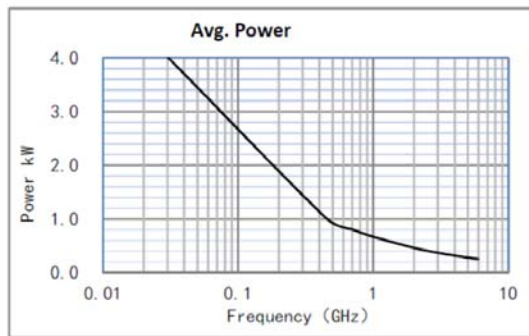
	Designation	Material	Diameter (mm)
1	Inner Conductor	Solid Copper	1.73±0.03
2	Dielectric	LD PTFE	4.80±0.05
3	Outer Conductor	Corrugated Copper	6.35±0.10
4	Jacket	Blue FEP	7.10±0.15

2 Electrical Specifications

Impedance	50 Ohm
Operating Frequency	6 GHz
Velocity of Propagation	76%
Shielding Effectiveness (dB)	≥ 100
Voltage Withstand (V,DC)	2000
Passive Intermodulation(PIM)	≤ -160 dBc (2*43 dBm)
VSWR(3m, N)	0-3 GHz, ≤ 1.15 (23dB) 3-6 GHz, ≤ 1.28 (18dB)

3 Attenuation and Average Power

Frequency (MHz)	Attenuation (dB/100m)	Average Power (KW)
30 MHz	3.1	4.020
450 MHz	12.5	1.012
700 MHz	15.7	0.805
850 MHz	17.4	0.728
1000 MHz	18.9	0.668
2000 MHz	27.3	0.463
3000 MHz	34.0	0.373
4000 MHz	39.7	0.319
4500 MHz	42.4	0.299
5000 MHz	44.9	0.282
5800 MHz	48.7	0.260
6000 MHz	49.7	0.255



4 Mechanical Specifications

Min Bend Radius, Multiple Bends	71 mm
Min Bend Radius, Single Bend	32 mm

5 Environment Specifications

Operating Temperature	-55°C ~ +200°C
Installation Temperature	-55°C ~ +200°C
Storage Temperature	-65°C ~ +200°C
Weight	78 g/m