



7/8" Super Flex Feeder Cable



- The high Performance of attenuation allows co-axial cable to be used in different RF systems , such as 3G, 4G Mobile Communication.
- Wide range of applications, such as indoor distribution, broadcast, various base stations wireless cellular, and others .
- Lower VSWR, perfect shielding effectiveness, and extraordinary inter-modulation performance lead to fewer energy loss and outer interference

CONSTRUCTION		
Item	Material	Diameter
Inner Conductor	Corrugated Copper Tube	9.35 mm
Dielectric	Foamed PE	22.5 mm
Outer Conductor	Corrugated Copper tube	24.5 mm
Jacket	PE	27.5 mm
ELECTRICAL SPECIFICATION		
Cut Off Frequency	5.3 GHz	
Impedance	50Ω	
Nominal Capacitance	78 p F/m	
Maximum Operating Frequency	5 GHz	
Peak power	99.5 KW	
Inner conductor DC-Resistance	≤3 Ω/Km	
Outer conductor DC-Resistance	≤1.4 Ω/Km	
Inductance	0.195 μH/m	
DC breakdown voltage	6000 V	
Jacket Spark Voltage (rms)	8000 V	
Mechanical & Environmental Specification		
Max. Tensile Force	2000 N	
Flat Plate Crush Strength	14 N/mm	
Min. Bending Radius (single)	90 mm	
Min. Bending Radius (repeated)	125 mm	
Storage Temperature	-70 ~ 85°C	
Installation Temperature	-40 ~ 60°C	
Operating Temperature	-55 ~ 85°C	
RoHS	Compliant	

Frequency (MHz)	Attenuation & Average Power at 20°C	
	dB/100 m(dB/100ft)	kw
100	1.19 (0.36)	7.56
450	2.65 (0.81)	3.41
690	3.35 (1.02)	2.85
800	3.63 (1.11)	2.48
900	3.88 (1.18)	2.33
1000	4.12 (1.26)	2.19
1800	5.75 (1.75)	1.57
2000	6.11 (1.86)	1.48
2200	6.45 (1.97)	1.41
2400	6.79 (2.07)	1.34
2500	6.95(2.12)	1.30
2600	7.12(2.17)	1.27
2700	7.28(2.22)	1.25
3000	7.76(2.37)	

VSWR	
800 ~ 1000 MHz	≤ 1.1
1700-2200MHz	≤ 1.13

