

Dhruv Telecom



1/4" 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	Copper Clad Aluminium	2.60 mm
Insulation	Physically Foamed PE	6.35 mm Ring
Outer Conductor	Corrugated Copper	7.75 mm Black PE
Jacket	8.80 mm	
ELECTRICAL SPECIFICATION		
Cut Off Frequency	15.8 GHz	
Impedence (Ω)	50 Ω	
Nominal Capacitance	76.8 p F/m	
Nominal Inductance	0.19 uH/m	
Velocity of Propagation (%)	84 %	
DC Breakdown Voltage	2.2 kv	
PIM	$\leq$ -160 dBc @(2*20W)	
Peak Power Rating	12.1 kw	
Insulation Resistance	>5000 M Ω km	
Screening Attenuation	>120 dB	
Mechanical & Environmental Specification		
Max. Tensile Force	910 N	
Recommended max. clamp spacing	1 m	
Min. Bending Radius (single)	30 mm	
Min. Bending Radius (repeated)	76 mm	
Storage Temperature	-55 ~ 80°C	
Installation Temperature	-40 ~ 60°C	
Operating Temperature	-55 ~ 80°C	
Operating Temperature	Compliant	
RoHS		

Frequency Attenuation & Average Power (MHz) dB/100 m kw		
100	4.05	1.79
450	8.88	0.82
690	11.17	0.69
800	12.10	0.60
900	12.80	0.57
1000	13.60	0.53
1800	18.90	0.38
2000	20.00	0.36
2200	21.08	0.34
2400	22.14	0.33
2500	22.66	0.32
2600	23.19	0.31
2700	23.70	0.30

VSWR	
820 ~ 960 MHz	≤ 1.12
1700 ~ 2200 MHz	≤ 1.12
2300-2400MHz	≤ 1.12
2500 ~ 2690 MHz	≤ 1.15

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