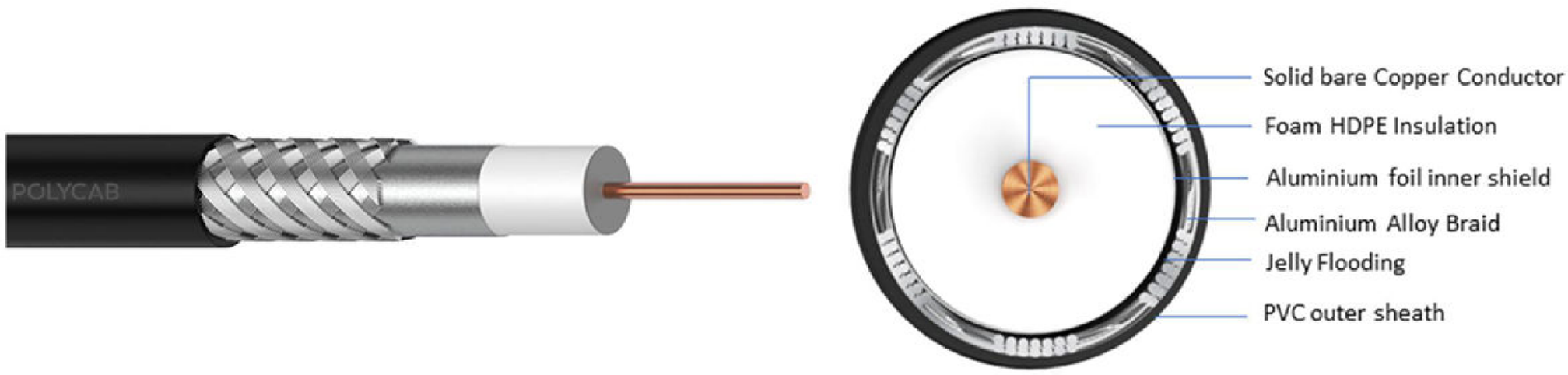
POLYCAB

CABLES



COAXIAL CABLE

TDS Doc.No:PIL/TE/250425/005902 **DESIGN CODE : RGPB05CPUAY1001CRG11**

Particulars	RG11F Unarmoured Co-axial Cable
Name of Manufacturer	Polycab India Limited
Type of cable	Co-axial Cable Unarmoured
Size	RG-11 F
Applicable Standard	ANSI/SCTE 74-2011
Conductor	
a) Material	Solid bare Copper
b) Conductor Diameter (mm)	1.63 ± 0.005
Insulation	
a) Material	Foam HDPE
b) Dia. Over Dielectric (mm)	7.11
c) Insulation Thickness (mm)	2.74
Inner Shield	
a) Material	Alum. Foil
b) Diameter Over Inner Shield (mm)	7.32
c) Width of Al Foil (mm)	25
Outer Shield	
a) Material	Aluminium Alloy
b) Diameter of Wire (mm)	0.12
c) Min. Braiding Coverage (%)	60%
d) Dia. Over Outer Shield (mm)	7.8
e) Flooding Compound	Jelly
Outer Sheath	
a) Material	PVC
b) Min. Outer Sheath thickness (mm)	0.9
c) Diameter over Outer Sheath (mm)	9.80 ± 2
d) Colour of Sheath	Black

Format ID: TE/QMS/F/07, R-00, Date: 16/03/2025

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Electrical Parameters		
a)	Nominal Impedance (Ohms)	75 ± 3
b)	Capacitance (pf / mtr)	53 ± 3
c)	Max. Conductor Resistance @ 20°C (Ohm/km)	21.4
d)	Attenuation @20 Deg C (dB/100 M)	8.5
	5 MHz	1.25
	55 MHz	3.15
	83 MHz	3.87
	187 MHz	5.74
	211 MHz	6.23
	250 MHz	6.72
	300 MHz	7.38
	350 MHz	7.94
	400 MHz	8.53
	450 MHz	9.02
	500 MHz	9.51
	550 MHz	9.97
	600 MHz	10.43
	750 MHz	11.97
	865 MHz	13.05
	1000 MHz	14.27
Packing Length (M)		1000/2000 Meter ± 5%

Note:-The values given above are subject to tolerances as per the relevant standards

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