

305m RG11 Flooded Quad-shield Coaxial Cable Reel

06MM-E11QF

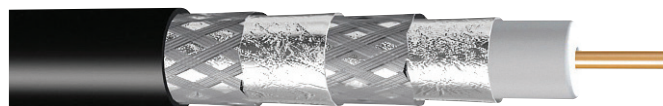
E11QF is an RG11 75 Ohm flooded quad-shield coaxial cable for free-to-air and pay TV systems. It's approved for both Foxtel satellite and Telstra cable networks. With an integrated flooding compound, E11QF is well suited for use in underground cable links and all outdoor exposed usage to prevent any moisture ingress from degrading your network. Available in 305m reels with meter marking, E11QF is suited for longer cable backbone runs where lengths are high loss with RG6. E11QF is a 3GHz rated low loss coaxial cable with a copper-clad steel centre conductor for durability and four shielding layers to guarantee maximum signal protection and stability.

Features and Benefits

- » An RG11 metre marked cable with quad-shield and flooded
- » Gel filled cable designed for underground use
- » Suitable and approved for pay and digital TV
- » Sold in a 305 metre reel
- » Foxtel (F30445), Telstra (739/10) and NBN approved

Technical Data 06MM-E11QF

Construction		
Inner Conductor	Material	Copper Clad Steel Wire
	Diameter (mm)	1.63±0.015
Insulation	Material	Physically Foamed PE
	Diameter, mm	7.11±0.15
Outer Conductor	1st shield	Bonded Al/PET/Al Tape 7.32 ±0.15
	2nd shield	Al-Mg Alloy Wire Braid
	3rd shield	Non-bonded Al/PET/Al Tape
	4th shield	Al-Mg Alloy Wire Braid
Jacket	Material	PE
	Diameter, mm	10.34±0.20
Mechanical Properties		
Bending Radius, mm	Single	50
	Typical	100
Pulling Strength, N		384
Adhesion Force, N		>60
Electrical Properties		
Impedance, Ω		75±3
DCR of Inner conductor, Ω /km		40.40
DCR of outer conductor, Ω /km		14.40
Capacitance, pF/m		54



Propagation Velocity, %	82
DC Breakdown Voltage, kV	6.0
Insulation Resistance, MΩ•km	>1x10 ⁴
Screening Attenuation, dB	>105@5-1000MHz
	>95@1000-2000MHz
	>85@2000-3000MHz
Attenuation	
Frequency MHz	Max. attenuation @20°C,dB/100m
5MHz	1.25
55MHz	3.15
211MHz	6.23
250MHz	6.72
270MHz	7.00
300MHz	7.38
330MHz	7.71
350MHz	7.94
400MHz	8.53
450MHz	9.02
500MHz	9.51
550MHz	9.97
600MHz	10.43
750MHz	11.97
870MHz	13.31
1000MHz	14.27
1300MHz	16.21
1450MHz	17.36
1750MHz	19.52
2150MHz	21.65
2600MHz	24.04
2832MHz	25.09
3000MHz	25.86
Return Loss, dB	
5-3000MHz	≥20
Standards	
Operation	-40~+70°C
UL 1581 UV Resistance 720h	Compliant
2011/65/EU	Compliant