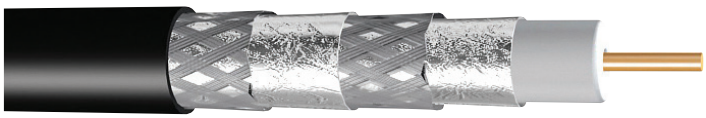
305m RG6 Flooded Quad-shield Coaxial Cable Reel

06MM-E6QF

E6QF is an RG6 75 Ohm flooded quad-shield coaxial cable for free-to-air and Foxtel pay-TV systems. With an integrated flooding compound, E6QF is well suited for use in underground cable links and all outdoor exposed usage to prevent moisture ingress from degrading your network. Available in 305m reels, E6QF 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 RG6 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 (F30449) approved

Technical Data 06MM-E6QF

Construction		
Inner Conductor	Material	Copper Clad Steel Wire
	Diameter (mm)	1.02±0.01
Insulation	Material	Physically Foamed PE
	Diameter, mm	4.57±0.15
Outer Conductor	1st shield	Bonded Al/PET/Al Tape 4.78 ±0.13
	2nd shield	Al-Mg Alloy Wire Braid
	3rd shield	Non-bonded Al/PET/ Al Tape
	4th shield	Al-Mg Alloy Wire Braid
Flooding		Non-dripping Flooding Compound
Jacket	Material	PE
	Diameter, mm	7.54±0.20
Mechanical Properties		
Bending Radius, mm	Single	35
	Typical	70
Pulling Strength, N		200
Adhesion Force, N		>20
Electrical Properties		
Impedance, Ω		75±3
DCR of Inner conductor, Ω /km		102.0
DCR of outer conductor, Ω /km		19.1
Capacitance, pF/m		54
Propagation Velocity, %		82
DC Breakdown Voltage, kV		5.0
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	1.90
55MHz	5.25
211MHz	10.00
250MHz	10.82
270MHz	11.04
300MHz	11.64
330MHz	12.26
350MHz	12.63
400MHz	13.61
450MHz	14.43
500MHz	15.29
550MHz	16.08
600MHz	16.73
750MHz	18.54
870MHz	20.04
1000MHz	21.49
1300MHz	24.49
1450MHz	25.89
1750MHz	28.67
2150MHz	31.79
2600MHz	35.30
2832MHz	37.74
3000MHz	38.84
Return Loss, dB	
5-3000MHz	≥20
Standards	
Operation	-40~+70°C
UL 1581 UV Resistance 720h	Compliant
2011/65/EU	Compliant