RG6 Quad-shield Cable 305M Reel 06MM-E6Q



Pay TV-approved, this quad-shield cable 305-meter cable is also suitable for digital TV. Both Foxtel and Optus approved, it has an inner conductor made of high-quality copper-clad steel wire. Its insulation consists of physically foamed PE, and its jacket is made from either FR PVC or standard PVC. It is also 2011/65/EU-compliant for guaranteed quality.

Features and Benefits

- » An RG6 metre marked cable with quadshielding
- » Sold in a 305 metre reel
- » Suitable and approved for Pay and Digital TV
- » Foxtel Approved (F30440), Optus (SAP4868)



Inner ConductorMaterial Diameter (mm)Copper Clad Steel WireInsulationMaterial Diameter, mm1.02±0.01Naterial Diameter, mm4.57±0.151st shield Outer Conductor1st shield Al-Mg Alloy Wire Braid FR PVC or PVC	Construction				
Diameter (mm)1.02±0.01InsulationMaterialPhysically Foamed PEDiameter, mm4.57±0.15Amage: Diameter, mm4.57±0.15Bonded Al/PET/Al Tape 4.78 ±0.13Bonded Al/PET/Al Tape 4.78 ±0.132nd shieldAl-Mg Alloy Wire Braid3rd shieldNon-bonded Al/PET/Al Tape 4th shield4th shieldAl-Mg Alloy Wire BraidFR PVC or PVCDiameter, mm7.54±0.20Mechanical PropertiesBendingSingleRadius, mm70Pulling Strength, N200Adhesion Force, N>20Electrical PropertiesImpedance, Ω75±3DCR of Inner conductor, Ω/km102.0DCR of outer conductor, Ω/km19.1Capacitance, pF/m54Propagation Velocity, %82DC Breakdown Voltage, kV5.0Insulation Resistance, MΩ•km>105@5-1000MHzScreening Attenuation, dB>95@1000-2000MHz		Material	Copper Clad Steel Wire		
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Mechanical PropertiesBendingSingle35Radius, mmTypical70Pulling Strength, N200Adhesion Force, N>20Electrical PropertiesImpedance, Ω75±3DCR of Inner conductor, Ω/km102.0DCR of outer conductor, Ω/km19.1Capacitance, pF/m54Propagation Velocity, %82DC Breakdown Voltage, kV5.0Insulation Resistance, MΩ•km>105@5~1000MHzScreening Attenuation, dB>95@1000~2000MHz	Jacket	Material	FR PVC or PVC		
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	Pulling Strength, N		200		
Impedance, Ω75±3DCR of Inner conductor, Ω /km102.0DCR of outer conductor, Ω /km19.1Capacitance, pF/m54Propagation Velocity, %82DC Breakdown Voltage, kV5.0Insulation Resistance, ΜΩ•km>1x10⁴>105@5~1000MHzScreening Attenuation, dB>95@1000~2000MHz	Adhesion Force, N		>20		
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DCR of outer conductor, Ω /km Capacitance, pF/m 54 Propagation Velocity, % 82 DC Breakdown Voltage, kV Insulation Resistance, M Ω •km >105@5~1000MHz >95@1000~2000MHz	· ·		102.0		
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MΩ•km >1x10 ⁴ >105@5~1000MHz Screening Attenuation, dB >95@1000~2000MHz	_		5.0		
>105@5~1000MHz Screening Attenuation, dB >95@1000~2000MHz	·		>1x1O ⁴		
Screening Attenuation, dB >95@1000~2000MHz			>105@5~1000MHz		
			<u> </u>		
>85@2000~3000MHz			>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