

# RG11 Quad-shield Cable Messengered 305M Reel 06MM-E11QM

## Features and Benefits

- » An RG11 metre marked cable with quadshield messengered
- » Suitable and approved for Pay and Digital TV
- » Sold in a 305 metre reel
- » Foxtel (F30451), Optus (4314), Telstra (739/13) and NBN approved
- » Catenary wire for overhead installation



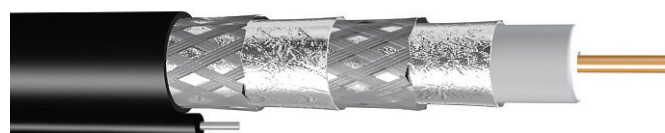
## Coaxial Cable

Matchmaster has a complete range of PAY TV and FTA approved cables for both commercial and residential applications. Matchmaster's range includes standard, flooded, messengered, Tri-Shield and Quad Shield RG6 and RG11 cable. Also available White approved RG6 Quad Shield cable for indoor use. Whatever the application Matchmaster has the cable to suit.



## Technical Data 06MM-E11QM

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	FR PVC
	Diameter, mm	10.34±0.20
Messenger	Material	Steel
	Diameter, mm	1.83±0.05
Mechanical Properties		
Bending	Single	50
Radius, mm	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 <sup>4</sup>
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	
2011/65/EU	Compliant