

## Features and Benefits

- » An RG6 metre marked cable with quadshielding
- » Sold in a 150 metre reel
- » Suitable and approved for Pay and Digital TV
- » Commercial approved



## 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 and flooded RG6 and RG11 cable. Also available in White approved RG6 cable for indoor use. Whatever the application Matchmaster has the cable to suit.



### Technical Data 06MM-E6Q-RG6 Quad Shield Cable

Inner Conductor	Material	Copper-Coated Steel
	Diameter (mm)	1.02±0.01 (27%)
Insulation	Material	Physical Foamed PE
	Diameter (mm)	4.57±0.13
Outer Conductor	First Shield	Bonded Aluminium Foil (APA)
	Second Shield	Aluminium Wire 16x4.5/0.16
	Third Shield	Unbonded Aluminium Foil (APA)
	Fourth Shield	Aluminium Wire 16x3/0.16
Jacket	Material	PVC
	Diameter (mm)	7.54±0.20
Adhesion Force (>N) (Sample of 300mm Long)		20
Nominal Impedance, Ω		75±2.5
Capacitance, pF/m		54
Propagation Velocity		82
DC Breakdown Voltage, KV		3.0
Insulation Resistance, MΩ/Km		>1x10 <sup>4</sup>
Normal DC Resistance (20°, Ω/Km)	Inner/Outer Conductor	102/ 19.1

### Attenuation at 20 °C

Type	E6QS/E6Q
Frequency	Max. (dB) per 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
<b>Return Loss, dB</b>	
5-3000MHz	
<b>Standards</b>	
2011/65/EU	

### Physical Specifications

Type	E6QS
Nominal Conductor (mm)	1.02 (18AWG)
Nominal Dielectric (mm)	4.57
Nominal Diameter - First Shield (mm)	4.75
Nominal Diameter - Over Jacket (mm)	6.91
Nominal Diameter - Jacket Wall Thickness (mm)	0.76