

RG59 Cable TC-Braid Home Theatre 100M 06MM-SDI-100M



For the Best

Features and Benefits

- » An RG59 metre marked cable rated at 75 Ohms
- » Has TC braiding
- » Also Suitable for Home Theatre and Commercial AV Distribution



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-SDI-100M

Construction		
Inner Conductor	Material	Copper Wire
	Diameter (mm)	0.81±0.01
Insulation	Material	Physically Foamed PE
	Diameter, mm	3.66±0.15
Outer Conductor	1st shield	Bonded Al/PET/Al Tape 3.84mm(Nom)
	2nd shield	Al-Mg Alloy Wire Braid
Jacket	Material	PVC
	Diameter, mm	6.10±0.20
Mechanical Properties		
Bending	Single	28
Radius, mm	Typical	56
Pulling Strength, N		180
Adhesion Force, N		>20
Electrical Properties		
Impedance, Ω		75±3
DCR of Inner conductor, Ω /km		33
DCR of outer conductor, Ω /km		24
Capacitance, pF/m		54
Propagation Velocity, %		85
DC Breakdown Voltage, kV		4.0
Insulation Resistance, MΩ•km		>1x10 ⁴
Screening Attenuation, dB	>75@5-1000MHz	
	>65@1000-2000MHz	
	>55@2000-3000MHz	



Attenuation

Frequency MHz	Max. attenuation @20°C,dB/100m
55MHz	6.73
211MHz	12.47
250MHz	13.45
350MHz	15.75
400MHz	16.73
450MHz	17.72
500MHz	18.70
550MHz	19.52
600MHz	20.34
750MHz	22.87
865MHz	24.67
1000MHz	26.64
1200MHz	29.40
1450MHz	32.41
1750MHz	36.04
2000MHz	38.89
3000MHz	49.15

Return Loss, dB

DC-300MHz	≥20
5-3000MHz	≥18

Standards

2011/65/EU	Compliant
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