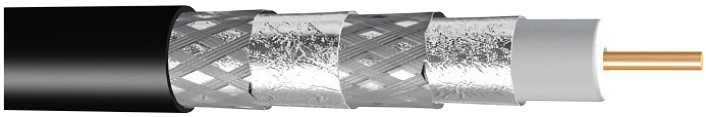
100m RG6 Quad-shield Coaxial Cable for Free-to-Air and Satellite Reel

06SF-S6Q-100



The 06SF-S6Q-100 is an RG6 75 Ohm quad-shield coaxial cable, designed for Free-to-Air and satellite TV installations. Engineered for reliability, it delivers low-loss signal transmission up to 3 GHz—ideal for DVB-T and satellite services. Featuring a durable copper-clad steel centre conductor and four layers of shielding, the S6Q-100 ensures superior protection against interference and maximum signal stability. Supplied on a convenient 100 m reel, it's the cost-effective choice for professional-grade TV distribution systems.

Features and Benefits

- RG6 3GHz rated quad-shield 75 Ohm coaxial cable, engineered for both terrestrial and satellite installations.
- Supplied on a convenient 100m reel, easy to keep on hand, keeping you ready to go
- Meter-marked cable for ease of installation
- Designed for use with Matchmaster's range of RG6 compression and crimp connectors
- >100dB of screening to 1000MHz
- Also available in a 305m dispenser box (06SF-S6Q)

Suffern Digital GET THE PICTURE

5G LTE
4G LTE
READY

DVB-T/T2
DVB-S/S2
COMPATIBLE

100m RG6 Quad-shield Coaxial Cable for Free-to-Air and Satellite Dispenser Box

06SF-S6Q-100

Matchmaster
For the Best

Construction		
Inner Conductor	Material	Copper Clad Steel Wire
	Diameter (mm)	1.00±0.01
Insulation	Material	Physically Foamed PE
	Diameter, mm	4.50±0.15
Outer Conductor	1st shield	Bonded Al/PET/Al Tape 4.75(Nom)
	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 or PVC
	Diameter, mm	7.48±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		>1x10⁴
Screening Attenuation, dB		>95@5~1000MHz
		>85@1000~2000MHz
		>75@2000~3000MHz
Attenuation		
Frequency MHz		Max. attenuation @20°C,dB/100m
5MHz		2.35
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		
2011/65/EU		Compliant