

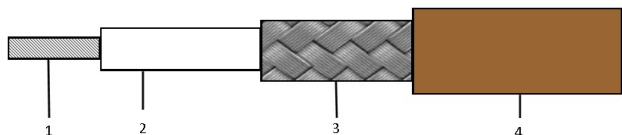
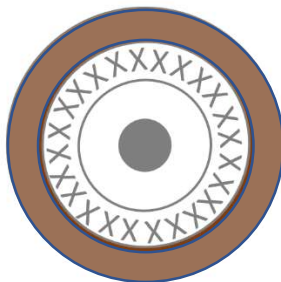
S18 Coaxial Screened Cable

Total diameter: 1.8mm nom.



Construction:

1. Central conductor
2. Dielectric/ Insulation
3. Screen/ Outer conductor
4. Outer jacket



Electrical / Technical Data:

Conductor resistance: max 802 Ω /km

Insulation resistance: >4000 M Ω x km

(Test voltage: 1 min: 1KV DC)

Capacitance: 100pF/m nom.

Impedance: 50 Ω \pm 2

Weight: 9.3g/m

Attenuation: Typical:

118dB/ 100m at 400 MHz

Operating temperature: -70°C to +200°C

Minimum Bend Radius (Fixed): ~10mm

Compatible Connectors:

BC1 & BS1, HR, KP18 & (-5), MH2, MIL-C-5015, MP2/ M5, MR2, MS2, SMA, SMB, SMC, SS & TC1

Low Outgassing Data:

	FEP	PTFE
Total Mass Loss	$\leq 0.02\%$	0.06%

	Construction	Material	Detail	Overall Diameter
1	Central conductor	Silver plated copper	7 x 0.1mm	0.30mm
2	Dielectric/Insulation	PTFE		0.86mm
3	Screen/Outer conductor	Braided silver plated copper	48 x 0.1mm	1.35mm
4	Outer jacket	FEP	0.30mm	1.80mm nom.

RoHS Compliant – All Cables supplied by DJB Instruments UK Ltd and compliant with 2011/65/EU.

Please note: The facts and figures contained herein are carefully compiled to the best of our knowledge intended for general information purposes only.

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