

CABL ST53A



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Coaxial 5mm | CCS | Braid 45% | 100m

Manufacturer: [MESSI](#)

Description

Inner Conductor: CCS 0,80mm

Physical expansion dielectric triple layer $\pm 0,1$: PEG 3,5

Screen: Al

Screening percentage: 45%

Jacket $\pm 0,2$: PVC 5mm

Minimum bending radius OUT/IN mm: 60/30

Nominal Impedance (Ohm ± 3): 75

Capacitance (pF/m ± 2): 52

Velocity ratio: 85%

Attenuation at 20°C:

- MHz 5 (dB/100m): 2,8
- MHz 50 (dB/100m): 5,2
- MHz 200 (dB/100m): 11,0
- MHz 470 (dB/100m): 17,3
- MHz 860 (dB/100m): 24,0

- MHz 1000 (dB/100m):25,7
- MHz 1750 (dB/100m):35,0
- MHz 2050 (dB/100m):37,8
- MHz 2150 (dB/100m):39,0
- MHz 2400 (dB/100m):41,0
- MHz 3000 (dB/100m):46,5

Structure Return Loss (SRL) at:

- 30-300 MHz dB:>30
- 300-600 MHz dB:>26
- 600-9000 MHz dB:>20

Screening efficiency:

- 100-300 MHz dB: >80
- 300-600 MHz dB: >78
- 600-900 MHz dB: >80

Inner Conductor resistance Ohm/Km: 140

Outer Conductor resistance Ohm/Km: 55

Tension test of the jacket: 4kV