

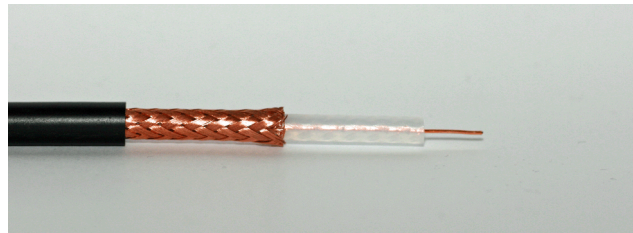
DESCANET RG 59 B/U

75 Ω

Coaxial cable

Application

Coaxial cables are suitable for distortion-free and low loss transmission of signals with high bandwidth.



Construction

Inner conductor 0,58mm, copper clad steel wire
Dielectric polyethylene (PE), transparent Ø 3,70 mm
Outer conductor bare copper braid, optical density ca. 95 %
Sheath PVC black
Outer diameter nominal 6,15 mm

Attenuation at

10 MHz	db/100m max.	3,5
100 MHz		11,5
200 MHz		16,5
400 MHz		23,0
1000 MHz		38,0

Technical Properties

Dielectric Voltage Withstand	> 4,2 KV eff.
Characteristic impedance	75 +/- 3 Ω
Propagation velocity	66 %
Insulation resistance	> 5'000 MΩ/km
nominal linear capacitance	67 +/- 3 pF/m at 1 kHz
Temperature range	- 30°C ... + 70°C
Minimum bending radius	7 x cable diameter

Standards / Approvals

according to MIL - C17

Part Number	Type n x mm ²	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
212638	DESCANET RG 59 B/U	bk 6.15	25.00	50.00

Packaging

cut to desired length