

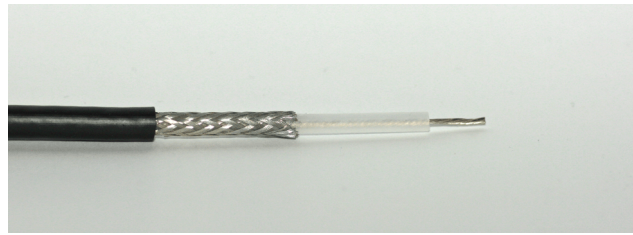
DESCANET RG 58 C/U

50 Ω

Coaxial cable

Application

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



Construction

Inner conductor 19x0,18 mm, tinned copper
Dielectric polyethylene (PE), transparent Ø 2,95 mm
Outer conductor tinned copper braid, optical density ca. 95 %
Sheath PVC black
Outer diameter nominal 4,95 mm

Attenuation at

Frequency	Attenuation (db/100m max.)
10 MHz	4,5
100 MHz	16,0
200 MHz	23,0
400 MHz	36,0
1000 MHz	55,0

Technical Properties

Dielectric Voltage Withstand	> 4,2 KV eff.
Characteristic impedance	50 +/- 3 Ω
Propagation velocity	66 %
Insulation resistance	> 5'000 MΩ/km
nominal linear capacitance	101 +/- 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
212635	DESCANET RG 58 C/U	bk 4.95	19.50	38.00

Packaging

cut to desired length