

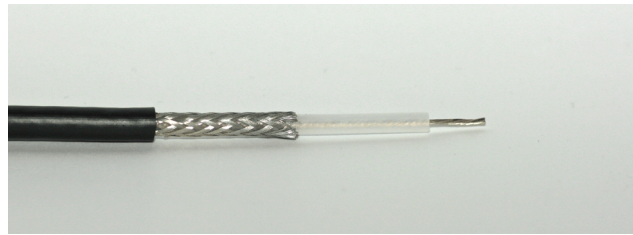
DESCANET RG 174 U

50 Ω

Coaxial cable

Application

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



Construction

Inner conductor 7x0,16 mm, bare copper
Dielectric polyethylene (PE), transparent Ø 1,52 mm
Outer conductor tinned copper braid, optical density ca. 87 %
Sheath PVC black
Outer diameter nominal 2,80 mm

Attenuation at

10 MHz	db/100m max.	11,0
100 MHz		31,0
200 MHz		40,0
400 MHz		56,0
1000 MHz		92,0

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	100 +/- 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
212726 DESCANET RG 174 U		bk 2.70	5.90	14.00

Packaging

cut to desired length