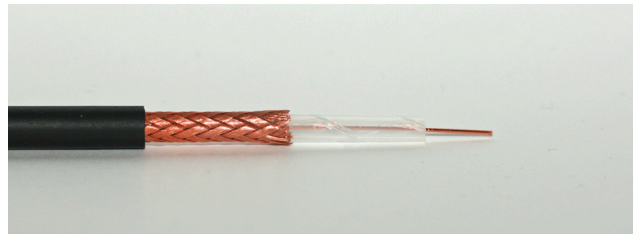


Coaxial cable

Application

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



Construction

Inner conductor 1x0,64mm, copper clad steel wire
 Dielectric air space 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.	3,0
100 MHz		9,0
200 MHz		13,0
400 MHz		19,0
1000 MHz		35,0

Technical Properties

Dielectric Voltage Withstand	> 4,2 KV eff.
Characteristic impedance	93 +/- 3 Ω
Propagation velocity	84 %
Insulation resistance	> 5'000 MΩ/km
nominal linear capacitance	45 +/- 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
212641	DESCANET RG 62 A/U	bk 6.15	24.00	52.00

Packaging

cut to desired length