

order number: L01000C0002

coaxial cable, type RG-316, cable groupe G7, 50 m, cable sheath material FEP



Technical Attributes	
Z	50 Ω
Type	RG-316
Packing unit (m)	50
Cable group; cable	G7 RG-316/U
Cable Sheath Ø	2.50
Cable Sheath Material	FEP
Attenuation db/100 m at 2 GHz	132

Product description

To complement its extensive range of coaxial connectors, Telegärtner now offers a wide selection of coaxial cables for bulk buying. This means you can purchase optimally matched coaxial cables and connectors directly from a single source. You will find coaxial cables in our range which will ideally suit your applications and demands; high-quality PTFE cables, low-cost PE cables, low loss cables, as well as conformable semi-rigid cables with high screen effectiveness. The cable you require can be purchased as coiled cable in small, standard lengths.

Performance Characteristics

- Impedance 50 Ohm or 75 Ohm For video and broadcast transmissions, 75 Ohm technology applies. For almost all other systems, 50 Ohm technology is used.
- Insertion Loss (Attenuation) Insertion loss is the ratio of input power to output power; it is an expression of the total electrical losses in a cable run. These losses are mainly dependant on the cable diameter, the dielectric material, and the transmission frequency. Low loss cables set themselves apart by their

relatively good (i.e. low) attenuation values.

- **Screen effectiveness** The screen effectiveness is an expression of how well a cable prevents electrical energy escaping from or entering into the transmission line. To improve the screen effectiveness of cables, double braid, foil and braid, and tinned braid screens can be used.
- **Temperature range** Depending on the materials used in the manufacture of cables, they are suitable for operating in differing ambient temperatures. Cables with PE or PVC sheaths can be used up to approx +80° C. Cables with PTFE or FEP jackets upto approx. +200° C.