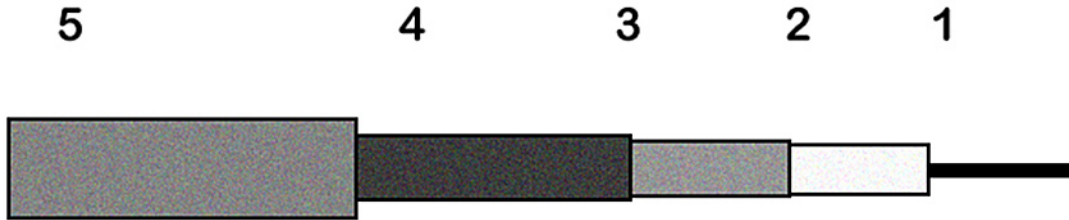


Rosenberger - RTK 057-E



| | | | |
|---|------------------|---|------------------|
| 1 | Center conductor | copper wire, solid, silver plated | Ø 1,40 mm |
| 2 | Dielectric | foamed PE | Ø 3,75 ± 0,05 mm |
| 3 | Screen 1 | tin plated copper wire braid | Ø 4,30 mm |
| 4 | Screen 2 | tin plated copper wire braid | Ø 4,80 mm |
| 5 | Jacket | Halogenfree, flame retardant according to IEC 332-1 | Ø 5,70 ± 0,20 mm |

Electrical parameters (20°C ambient temperature)

| | | |
|-----------------------------|------------------------|-----------------|
| Characteristic impedance | | 50 ± 2 Ω |
| recommended frequency range | | DC to 3000 MHz |
| Screening effectiveness | (up to 2200 MHz) | ≥ 80 dB |
| Power handling | (up to 2000 MHz, 40°C) | 70W |
| Insertion loss | (@ 30 MHz) | ≤ 0,05 dB / m |
| | (@ 200 MHz) | ≤ 0,13 dB / m |
| | (@ 500 MHz) | ≤ 0,21 dB / m |
| | (@ 1000 MHz) | ≤ 0,31 dB / m |
| | (@ 2000 MHz) | ≤ 0,45 dB / m |
| | (@ 3000 MHz) | ≤ 0,60 dB / m |
| DC resistance | | ≤ 1,3 Ω / 100 m |
| Capacitance | | 82 pF / m |
| Velocity ratio | | 82 % |

General Data

| | | |
|---------------------|----------|------------------|
| Temperature | | -40°C up to 80°C |
| Weight | | 6,5 kg / 100 m |
| Min. Bending radius | static | 30 mm |
| | multiple | 60 mm |