

**RG11-T60-M-CCS**

coax cable



Tri-shield, messengered construction

- 14 gauge (1,63 mm) copper covered steel center conductor
- Foamed PE, bounded foil, 60% braid, non-bounded tape, PVC jacket, steel messenger
- Gas expanded polyethylene dielectric
- Aluminium-polypropylene-aluminium laminated tape inner shield with overlap bounded to dielectric
- 34 AWG bare aluminium braid wire outer shield
- Black polyvinylchloride jacket
- Minimum breaking strength of messenger 166 kg<sub>f</sub> @1,83 mm

Electrical characteristics

|                                 |          |
|---------------------------------|----------|
| Nominal impedance               | 75 Ω     |
| Nominal velocity of propagation | 85 %     |
| Shielding effectiveness         | > 100 dB |

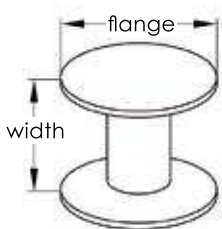
Physical Dimensions

| component                                 | ∅ (mm) |
|---|--------|
| Nominal center conductor diameter         | 1,63   |
| Nominal diameter over dielectric          | 7,11   |
| Nominal diameter over first shield (tape) | 7,29   |
| Nominal diameter over jacket              | 10,03  |
| Nominal jacket wall thickness             | 0,99   |
| Nominal diameter of steel messenger       | 1,83   |

Attenuation (@ 20°C)

| frequency (MHz) | max. loss (dB/100m) |
|-----------------|---------------------|
| 5               | 1,25                |
| 55              | 3,15                |
| 83              | 3,87                |
| 187             | 5,74                |
| 211             | 6,23                |
| 250             | 6,72                |
| 300             | 7,38                |
| 350             | 7,94                |
| 400             | 8,53                |
| 450             | 9,02                |
| 500             | 9,51                |
| 550             | 9,97                |
| 600             | 10,43               |
| 750             | 11,97               |
| 865             | 13,05               |
| 1000            | 14,27               |

Reel parameters



width: 360 mm  
 flange: 440 mm  
 weight: 41 kg  
 cable length: 305 m