

Applications:

Triaxial cables with two separated shields used in TV production studios for video signal transmission, from professional cameras to video directions.

Professional cables at low attenuation for long distance video installations.

Characteristics:

| | |
|----------------|--|
| Conductor: | stiff wire in silver-plated copper (CA) |
| Dielectric: | in foam Polyethylene (PEE) |
| I° Shield: | Braided covering 98% silver-plated copper (CA) |
| Tape: | transparent Polyester (Pet) |
| Inner Sheath: | compact Polyethylene (PE) |
| II° Shield: | Braided covering 90% O.F.C. red copper (CU) |
| Sheath: | low smoke emission PVC (PLSF) |
| Sheath colour: | Red (RAL 3000) |



| tasker® Code | Cond. number | Cond. number Nominal section | Cond. Format. mm. | External Core Ø mm. | External Inner Sheath Ø mm. | External Cable Diameter mm. | Reel or Spool (* pag. II) | | |
|--------------|--------------|----------------------------------|-------------------|---------------------|-----------------------------|-----------------------------|---------------------------|------|------|
| | | | | | | | mt. | Type | Kg. |
| TR 8 | 1 | 1 x 75 Ω (0,75 mm ²) | 1x1,00 CA | 4,5 | 6,6 | 8,5 | 100 | B | 12,0 |
| TR 11 | 1 | 1 x 75 Ω (1,50 mm ²) | 1x1,40 CA | 6,4 | 8,6 | 11,0 | 100 | B | 19,0 |

SHEATH IN LOW SMOKE EMISSION PVC PLSF

| Conductor Resistance | Capacity Core/core | Capacity Core/shield | |
|----------------------|--------------------|----------------------|--|
| Ω/Km ± 5% | pF/mt | pF/mt | |
| 23 | | 56 | |
| 12 | | 56 | |

| Velocity of propagation of coax % | Impedance Ω ± 3% | Voltage V | Operative Temperature °C |
|-----------------------------------|------------------|-----------|--------------------------|
| 80 | 75 | 2000 | -15 / +70 |

| Structure Return Loss (SRL) db | | | |
|--------------------------------|------------|-------------|-------------|
| | 30-300 MHz | 300-600 MHz | 600-900 MHz |
| TR8 | > 30 | > 29 | > 28 |
| TR11 | > 30 | > 28 | > 26 |

| Attenuation db/100mt | | | | | | |
|----------------------|--------|---------|---------|---------|---------|----------|
| | 50 MHz | 100 MHz | 200 MHz | 400 MHz | 800 MHz | 1000 MHz |
| TR8 | 5,2 | 7,6 | 10,8 | 16,0 | 24,1 | 28,0 |
| TR11 | 3,7 | 5,4 | 8,2 | 12,1 | 18,3 | 20,6 |

Notes:

X-ON Electronics

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