

### 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 <sup>2</sup> )	1x1,00 CA	4,5	6,6	8,5	100	B	12,0
TR 11		1 x 75 Ω (1,50 mm <sup>2</sup> )	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:

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