

PEE Dielectric

CONSTRUCTION PARAMETERS

		7510	1010N	1210N	1212
Inner Conductor	Ø mm	Cu 0.75	Cu 1.00	Cu 1.13	CuSn 1.13
Dielectric	Ø mm	PEE 3.40	PEE 4.50	PEE 5.00	PEE 5.00
Screen:					
Braid	%	Cu 84	Cu 63	Cu 59	CuSn 59
Braid coverage	Ø mm	3.80	4.90	5.40	5.40
Anti-migrating film		Pet	Pet	Pet	Pet
Sheath	Ø mm	PVC 5.00	PVC 6.20	PVC 6.70	PVC 6.70
Minimum bending radius: for indoor/outdoor installation	mm	30/60	35/70	35/70	35/70

ELECTRICAL PARAMETERS

Impedance	Ohm	75±2	75±2	75±2	75±2
Velocity ratio	%	82	82	82	82
Capacitance	pF/m	55	55	55	55
Attenuation (at 20%)	MHz				
	50	dB/100 m	6.3	4.8	4.4
	200	dB/100 m	13.3	10.2	9.5
	300	dB/100 m	16.4	12.7	12.0
	500	dB/100 m	21.5	16.7	15.8
	800	dB/100 m	27.9	21.7	20.5
	1000	dB/100 m	31.3	24.5	23.2
Structural return loss (SRL)	30-300 MHz	dB	>30	>35	>35
	300-600 MHz	dB	>25	>30	>30
	600-900 MHz	dB	>25	>30	>30
Screening efficiency (As)	100-900 MHz	dB	>55	>35	>35
Inner conductor resistance	Ohm/Km	41.5	22.5	18	18
Outer conductor resistance	Ohm/Km	19	21.5	22.5	22.5
Weight of copper	Kg/Km	13.0	15.0	17.0	17.0
Total weight	Kg/Km	29.0	37.5	43.0	43.0
PACKAGING	MOD. N°	1	1	1 - 2C	1 - 2C
Specifications conformity:					
CEI 46-1 (cables construction)		YES	YES	YES	YES
CEI 12-15 (MATV systems)		NO	NO	NO	NO