

CABLE TYPE RA8000 Multiway

GENERAL DESCRIPTION 75 Ohm Coaxial Cable. Suitable for the Interconnection of Data or Information Processing Equipment

RELEVANT STANDARDS To Internal CDT Specifications

COMPONENT	MATERIAL BREAKDOWN	DIAMETER
Inner Conductor	0.31mm plain annealed copper wire solid	0.31 ± 0.05mm
Dielectric	Gas Injected Polyethylene Nominal wall RT = 0.57mm	1.45 ± 0.05mm
Screen 1	Longitudinally applied Alum/Poly tape. (Alum Side Out)	1.60 ± 0.10mm
Screen 2	0.10mm T.A.C.W. 16 spindle carrier 5 wire ends per spindle Coverage of 93%	2.00 ± 0.10mm
Jacket	LSZH Nominal wall RT = 0.38mm	2.75 ± 0.10mm
Final Cable		
Lay Up	Cores as above twisted together	
Binder	Spiral wrapped with a polyester tape, 25% overlap	
Jacket	PolyVinylChloride Incorporate ripcord under sheath to facilitate removal	

Product	Bunch O.D mm	Sheath O.D mm	Radiall mm	Weight kg/km
4 Core	6.75	8.25	0.75	80
8 Core	9.20	11.00	0.90	150
12 Core	11.55	13.35	0.90	205
16 Core	13.05	14.85	0.90	260
32 Core	18.45	20.55	1.00	485

ELECTRICAL PARAMETERS

Characteristic	Units	MHz	Value
Attenuation	dB/100m Max.	1	2.00
		4	4.15
		17	8.42
		69	15.02
		78	15.70
FEXT	dB Min.	0.3	75
		1	84
		2	88
		17	90
		Impedance	Ohms
Vp	Nom.		0.82c
DCR	Ohms/100m		23.6
Capacitance	pF/m Nom.		53

