

COAXIAL CABLES

- Highly celled gas injection dielectric (FPE) for low attenuation
- Length printed on jacket, beginning with 1m
- High reliability and durability
- Conforms to RoHS
- Orientated on standard EN 50117 ff



Type		KOAX 1610 T	KOAX 100 ECA	KOAX 110A++ECA	
Item No.	100 m / plastic spool	–	57003159	57003157	
	250 m / plastic spool	–	57003160	–	
	500 m / wooden barrel	57000861	57003161	57003158	
US classification		RG 11	RG 6	RG 6	
Screening		triple layer	double layer	triple layer	
Inner conductor	∅ mm	1.6 Cu	1.02 Cu	1.02 Cu	
Dielectric	∅ mm	7.11 FPE	4.6 FPE	4.6 FPE	
Jacket	∅ mm	10.0 PVC (white)	6.8 PVC (white)	6.8 PVC (white)	
Screening material		Al	Al	CuSn	
Attenuation	dB/100 m				
		5 MHz	1.2	1.8	1.6
		50 MHz	2.9	4.8	4.8
		100 MHz	4.1	6.5	6.5
		200 MHz	6.0	9.0	9.0
		400 MHz	8.1	13.0	13.0
		800 MHz	11.8	18.5	18.5
		1600 MHz	18.2	27.5	27.1
2150 MHz	22.1	32.5	31.8		
Loop resistance	W	75 ± 3.0	75 ± 3.0	75 ± 3.0	
Propagation velocity		84 %	82 %	82 %	
DC resistance (loop)	W/m	0.022	0.05	0.037	
Bending radius	cm	10	3.5	3.5	
Return loss ratio					
	5 – 450 MHz	> 30	> 26	> 30	
	450 – 1000 MHz	> 25	> 23	> 25	
	1000 – 2150 MHz	> 20	> 20	> 20	
Coupling resistance					
	5 – 30 MHz	–	< 5	< 4	
Screening					
	30 – 1000 MHz	110 ... 120	100	100 ... 120	
	1000 – 2150 MHz	110	90	100	
Classification to EN 50117		A	A	A	
F connector screw-in type		–	FC 70	FC 70	
F connector crimp type		EX 11	EX 6-49 NT Plus	EX 6-49 NT Plus	

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