

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



AVAILABLE BY Q 3 2017

Type		KOAX 0645 T	KOAX 100	KOAX 110A+	KOAX 1610 T	KOAX 100 ECA	KOAX 110A++ECA
Item No.	100 m / plastic spool	–	57001383	57002321	–	57003159	57003157
	250 m / plastic spool	57000850	57001384	–	–	57003160	–
	305 m / wooden barrel	–	–	–	–	–	–
	500 m / wooden barrel	–	57001385	57002322	57000861	57003161	57003158
US classification			RG 6	RG 6	RG 11	RG 6	RG 6
Screening		triple layer	double layer	triple layer	triple layer	double layer	triple layer
Inner conductor	∅ mm	0.61 Cu	1.02 Cu	1.02 Cu	1.6 Cu	1.02 Cu	1.02 Cu
Dielectric	∅ mm	2.72 FPE	4.6 FPE	4.6 FPE	7.11 FPE	4.6 FPE	4.6 FPE
Jacket	∅ mm	4.5 PVC (white)	6.8 PVC (white)	6.8 PVC (white)	10.0 PVC (white)	6.8 LSZH (white)	6.8 LSZH (white)
Screening material		Al	Al	CuSn	Al	Al	CuSn
Attenuation	dB/100 m						
	5 MHz	2.8	1.8	1.6	1.2	1.8	1.6
	50 MHz	7.8	4.8	4.8	2.9	4.8	4.8
	100 MHz	10.6	6.5	6.5	4.1	6.5	6.5
	200 MHz	14.6	9.0	9.0	6.0	9.0	9.0
	400 MHz	20.8	13.0	13.0	8.1	13.0	13.0
	800 MHz	29.9	18.5	18.5	11.8	18.5	18.5
	1600 MHz	44.5	27.5	27.1	18.2	27.5	27.1
	2150 MHz	48.8	32.5	31.8	22.1	32.5	31.8
Loop resistance	W	75 ± 3.0	75 ± 3.0	75 ± 3.0	75 ± 3.0	75 ± 3.0	75 ± 3.0
Propagation velocity		82 %	82 %	82 %	84 %	82 %	82 %
DC resistance (loop)	W/m	0.08	0.05	0.037	0.022	0.05	0.037
Bending radius	cm		3.5	3.5	10	3.5	3.5
Return loss ratio							
	5 – 450 MHz	> 26	> 26	> 30	> 30	> 26	> 30
	450 – 1000 MHz	> 24	> 23	> 25	> 25	> 23	> 25
	1000 – 2150 MHz	> 18	> 20	> 20	> 20	> 20	> 20
Coupling resistance							
	5 – 30 MHz	< 4	< 5	< 4	–	< 5	< 4
Screening							
	30 – 1000 MHz	100	100	100 ... 120	110 ... 120	100	100 ... 120
	1000 – 2150 MHz	90	90	100	110	90	100
Classification to EN 50117		A	A	A	A	A	A
F connector screw-in type		FC 43	FC 70	FC 70	–	FC 70	FC 70
F connector crimp type		CMP MC 30 (yellow)	EX 6-49 NT Plus	EX 6-49 NT Plus	EX 11	EX 6-49 NT Plus	EX 6-49 NT Plus

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