

分配系统用75欧姆铝管同轴电缆

Al-tube Coaxial Distribution Cables(75Ω)

结构尺寸Construction								
项目(Item)		QR 320	QR 412	QR 500	Seamless 500	QR 540	QR 565	QR 625
1 内导体 Inner Conductor(mm)		1.8 ± 0.03	2.24 ± 0.03	2.77 ± 0.03	2.77 ± 0.03	3.15 ± 0.03	3.28 ± 0.03	3.45 ± 0.03
2 绝缘Dielectric(mm)		7.47	9.19	11.43	11.43	13.03	13.18	14.3
3 外导体Shield(mm)		8.25 ± 0.05	9.8 ± 0.05	12.7 ± 0.05	12.7 ± 0.05	13.72 ± 0.05	14.35 ± 0.05	15.88 ± 0.05
4 护套Jacket(mm)		10.03	12.07	14.22	14.22	15.49	15.9	17.4
电气性能Electrical Characteristics								
特性阻抗Impedance(Ω)		75 ± 2	75 ± 2	75 ± 2	75 ± 2	75 ± 2	75 ± 2	75 ± 2
最大衰减 Attenuation @ 20°C (dB/100m) Max	5 MHZ	0.79	0.65	0.52	0.52	0.46	0.46	0.43
	55 MHZ	2.76	2.23	1.77	1.77	1.54	1.54	1.51
	211 MHZ	5.86	4.43	3.58	3.58	3.12	3.08	3.02
	250 MHZ	7.01	4.79	3.93	3.93	3.38	3.38	3.28
	350 MHZ	7.38	5.38	4.69	4.69	4.04	4.04	3.94
	450 MHZ	8.27	6.72	5.35	5.35	4.63	4.59	4.43
	550 MHZ	9.35	7.41	5.97	5.97	5.18	5.12	4.92
	750 MHZ	10.96	8.82	7.12	7.12	6.1	6.07	5.84
	865 MHZ	11.87	9.87	7.68	7.68	6.56	6.56	6.33
屏蔽衰减 Min Screening Effectiveness (dB)	1000 MHZ	12.76	10.73	8.27	8.27	7.12	7.12	6.79
	55 MHZ	100	100	100	100	100	100	100
	211 MHZ	110	110	110	110	110	110	110
	750 MHZ	110	110	110	110	110	110	110
回波损耗 Return Loss(dB) Min	5~300 Mhz	26	26	26	26	26	26	26
	300~1000 Mhz	24	24	24	24	24	24	24

结构尺寸Construction								
项目(Item)		QR 715	QR 750	QR 840	QR 860	QR 875	QR 1000	QR 1125
1 内导体 Inner Conductor(mm)		4.22 ± 0.03	4.22 ± 0.03	4.93 ± 0.03	5.16 ± 0.03	4.93 ± 0.03	5.59 ± 0.03	6.68 ± 0.03
2 绝缘Dielectric(mm)		17.42	17.22	19.81	21.03	20.24	22.61	27.46
3 外导体Shield(mm)		18.16 ± 0.05	19.05 ± 0.05	21.34 ± 0.05	21.84 ± 0.05	22.23 ± 0.05	25.40 ± 0.05	28.58 ± 0.05
4 护套Jacket(mm)		19.9	20.8	23.1	24.4	24.4	27.4	31.2
电气性能Electrical Characteristics								
特性阻抗Impedance(Ω)		75 ± 2	75 ± 2	75 ± 2	75 ± 2	75 ± 2	75 ± 2	75 ± 2
最大衰减 Attenuation @ 20°C (dB/100m) Max	55 MHZ	1.18	1.21	1.05	1.05	1.08	1.02	0.79
	211 MHZ	2.43	2.43	2.1	2.1	2.17	2.03	1.61
	250 MHZ	2.66	2.66	2.3	2.3	2.36	2.23	1.77
	350 MHZ	3.18	3.18	2.76	2.72	2.82	2.66	2.13
	450 MHZ	3.67	3.67	3.18	3.12	3.22	3.02	2.43
	550 MHZ	4.13	4.1	3.58	3.48	3.58	3.38	2.69
	750 MHZ	4.92	5.02	4.27	4.07	4.23	4.03	3.18
	1000 MHZ	5.84	5.84	5.02	4.72	5.02	4.82	3.82
屏蔽衰减 Min Screening Effectiveness (dB)	55 MHZ	100	100	100	100	100	100	100
	211 MHZ	110	110	110	110	110	110	110
	750 MHZ	110	110	110	110	110	110	110
	1000 MHZ	110	110	110	110	110	110	110
回波损耗 Return Loss(dB) Min	5~300 Mhz	26	26	26	26	26	26	26
	300~1000 Mhz	24	24	24	24	24	24	24