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Společnost je zapsáná obchodním rejstříku u Krajského soudu v Č. Budějovicích v oddílu C, vložce číslo 15637

FLEXIBLE RF CABLE (1/2" FLEXIBLE)

PLU030381



CONSTRUCTION MATERIAL

INNER CONDUCTOR:	Copper-Clad aluminium wire
DIELECTRIC:	Physical Foam Polyethylene
OUTER CONDUCTOR:	Corrugated copper tube
JACKET:	Black PE

PHYSICAL DIMENSIONS

INNER CONDUCTOR DIAMETER:	4.80mm
DIELECTRIC DIAMETER:	12.30mm
OUTER CONDUCTOR DIAMETER:	13.80mm
DIAMETER OVER JACKET:	15.70mm

MECHANICAL SPECIFICATION

MINIMUM BENDING RADIUS	
SINGLE BENDING:	50mm
REPEATED BENDING:	125mm
MINIMUM NUMBER OF BENDS:	15
TENSILE STRENGTH:	1100n

ENVIRONMENTAL SPECIFICATION

STORAGE TEMPERATURE:	-55°C /+85°C
INSTALLATION TEMPERATURE:	-40°C /+60°C
OPERATING TEMPERATURE:	-55°C/ +85°C

ELECTRICAL SPECIFICATION

CAPACITANCE:	76.0Pf/m(23.2 pF/ft)
IMPEDANCE:	50+/-1 OHM
VELOCITY:	88%
RF PEAK VOLTAGE:	1.60 KV
PEAK POWER RATING:	40KW
CUT-OFF FREQUENCY:	8.8 GHZ
SHIELDING	
EFFECTIVENESS>10MHZ:	>120DB
INSULATION RESISTANCE:	5000 OHM X KM
OPERATING TEMPERATURE:	-55c / +85c

PERFORMANCE

FREQUENCY MHZ	ATTENUATION DB/100M	DB/100FT	AVERAGE POWER RATING
100	2.17	0.66	3.94
150	2.67	0.81	3.17
200	3.10	0.94	2.75
280	3.69	1.13	2.27
450	4.74	1.45	1.80
800	6.45	1.97	1.33
900	6.87	2.09	1.25
1000	7.28	2.22	1.18
1500	9.08	2.77	0.95
1800	10.05	3.06	0.86
2000	10.66	3.25	0.81
2200	11.24	3.43	0.77
2400	11.80	3.60	0.75
2500	12.08	3.68	0.73
3000	13.39	4.08	0.65