


STRUCTURE

	INNER CONDUCTOR	Silvered Copper Clad Steel	7 x 0.17	mm
	DIELECTRIC	PTFE	1.52	Ø mm ± 0.08
	BRAID	Silvered Copper Coverage 95%	80 x 0.10	mm
	SHEATH	FEP Colour Brown	2.54	Ø mm ± 0.13

ELECTRICAL DATA at 20 °C

Impedance	50 Ohm ± 3
Capacitance	95 pF/m
Velocity ratio	69 %
Resistance	
- inner conductor	276 Ohm/km
- braid	22 Ohm/km

MECHANICAL DATA

Cable weight	15.2 kg/km
- copper	7.1
- plastic	8.1
Minimum bending radius	
- single	Ext x 5
- repeated	Ext x 10
Temperature range	-100 ... +200 °C

Attenuations dB/100m · Max. power rating W

MHz	5	10	50	100	200	300	500	600	800	1000
dB	7.0	9.0	19.0	28.0	40.0	46.0	60.0	66.0	78.0	93.0
W	1768	1250	559	395	280	228	177	161	140	125

Structural return loss dB

MHz	30 - 300	300 - 600	600 - 1000
dB	> 22	> 21	> 20

Screening effectiveness dB

MHz	100 - 900	900 - 2000	2000 - 3000
dB	> 52	-	-

If not otherwise declared, all values are nominal. Changes in design and construction due to technical progress without notice.