

MECHANICAL SPECIFICATIONS

TYPE	WF 65 Twin	WF100	WF 125	WF 165	WF 233	WF 340
INNER CONDUCTOR	0.65mm	1.0mm	1.2mm	1.55mm	2.2mm	3.4mm
DIELECTRIC	Foam	Foam	Foam	Foam	Foam	Foam
DIELECTRIC OD	2.9mm	4.8mm	5.72mm	7.25mm	10.2mm	14.9mm
SCREEN	Alu Foil	CU Foil	CU Foil	CU Foil	CU Foil	CU Foil
BRAID & COVERAGE CU	T CU 83%	CU 40%	CU 40%	CU 50%	CU 60%	CU 60%
OUTER CONDUCTOR OD	3.5mm	5.3mm	6.6mm	7.9mm	11.0mm	15.8mm
SHEATHING MATERIAL	PVC	PVC	PE	PE	PE	PE
SHEATH OD	9.5mm	6.8mm	8.1mm	10.1mm	13.8mm	19.8mm
COLOUR	Black/White	Blk/Brn/Wht	Black	Black	Black	Black
WEIGHT APPROX Kg/Km	57.4	47	45	81	175	340
MIN SETTING RADIUS	25mm	65mm	75mm	100mm	150mm	200mm
MAX.TENSILE STRENGTH	12.5 N	55 N	130 N	225 N	600 N	1200 N
ELECTRICAL SPECIFICATIONS						
IMPEDANCE	75 OHM	75 OHM	75 OHM	75 OHM	75 OHM	75 OHM
CAPACITANCE pF/m	54	55	54	55	54	53
VELOCITY RATIO	0.84	0.81	0.83	0.81	0.82	0.84
DC RESISTANCE OHM/KM	72	41	30	20	9	4.5
MAX. CURRENT (leff) A	4.2	7	8	12	18	30
ATTENUATION (d/B 100m) AT						
10 MHz	4.0	1.8	1.6	1.2	0.9	0.6
50 MHz	6.6	4.2	3.5	2.7	2.0	1.3
100 MHz	9.7	5.9	4.9	3.9	2.9	1.9
230 MHz	14.9	9.1	7.5	6.1	4.4	2.9
300 MHz	17.2	10.5	8.6	7.0	5.1	3.4
470 MHz	21.7	13.3	10.9	8.9	6.5	4.3
600 MHz	24.8	15.0	12.3	10.1	7.4	4.8
860 MHz	30.0	18.3	14.5	12.5	9.2	6.0
1000 MHz	32.5	19.9	16.2	13.6	10.0	6.5
1350 MHz	37.3	23.4	19.0	16.0	11.9	7.7
1750 MHz	43.2	27.0	22.0	18.6	13.9	9.0
2150 MHz	48.4	30.3	24.8	20.9	15.6	10.0
2400 MHz	50.5	33.5	27.0	22.5	16.8	10.9
3000 MHz	56.5	37.5	30.2	25.2	18.8	12.2
RETURN LOSS 5 -470 MHz						
470 - 862 MHz	>20	>23	>23	>23	>26	>26
862 - 2150 MHz	>18	>20	>20	>20	>22	>22
SCREENING EFFICIENCY	>80.0	>90.0	>85.0	>85.0	>100	>100

NB: All figures shown are to manufacturers tolerance of +/- 10% and are for guidance only
 For further sheath materials such as Under ground or direct burial (UG) Low Smoke & Fume (LSF)
 Low Smoke No Halogen (LSNH) please call the sales team to discuss the options