

Telecom Coaxial & Telecom Cables

TELECOM SINGLE & MULTICORE COAXIAL CABLES

TYPE	BT 3002	BT 2001	BT 2002	BT 2003	WA7000	WA8000	TZC75024
MECHANICAL SPECIFICATION							
INNER CONDUCTOR	1.031mm pacw	7/0.20mm stranded pacw	7/0.20mm stranded pacw	1.061mm	1.061mm	0.31mm	1/0.31mm
DIELECTRIC	Solid PE	Foam PE	Foam PE	Solid PE	Foam PE	Foam PE	Solid PE
DIAMETER OVER DIELECTRIC	1.95mm	2.35mm	2.35mm	3.85mm	2.80mm	1.45mm	1.95mm
1st Screen	0.10mm tacw x 16 x 5	0.15mm pacw x 16 x 5	0.15mm pacw x 16 x 5	0.15mm pacw x 24 x 5	Alu Foil	Alu Foil	0.10mm x 16 x 6
2nd Screen	0.10mm tacw x 16 x 6	NA	0.15mm pacw x 16 x 6	0.15mm pacw x 24 x 6	0.12mm x 16 x 7	0.10mm x 16 x 5	0.10mm x 16 x 6
BRAID COVERAGE	90%	93%	93%	93%	93%	95%	95%
DIAMETER OVER SCREEN	2.75mm	2.95mm	3.55mm	4.90mm	4.50mm	2mm	2.75mm
SHEATHING MATERIAL	White FR PVC	White FR PVC	White FR PVC	White FR PVC	LSNH	PVC or LSOH	Black FR PVC
DIAMETER OVER SHEATH	3.55mm	4.40mm	5.30mm	6.80mm	4.50mm	2.75mm	3.55mm

ELECTRICAL SPECIFICATION

CHARACTER IMPEDANCE	75 Ohm	75 Ohm	75 Ohm	75 Ohm	75 Ohm	75 Ohm	75 Ohm
DC RESISTANCE INNER CORE	< 236.0 Ohm/Km	< 89.0 Ohm/Km	< 89.0 Ohm/Km	< 65.8 Ohm/Km	< 61 Ohm/km	< 247 Ohm/km	< 247 Ohm/km
DC RESISTANCE OUTER CORE	< 16.6 Ohm/Km	< 17.1 Ohm/Km	< 17.1 Ohm/Km	< 7.80 Ohm/Km	< 15 Ohm/km	< 32 Ohm/km	< 15 Ohm/km
CAPACITANCE pF/m	67	53	53	67	56	62	70
VELOCITY RATIO	66%	83%	83%	66%	82%	80%	66%
ATTENUATION AT 5MHz	< 4.80 dB/100m	< 4.00 dB/100m	< 4.00 dB/100m	< 2.50 dB/100m	< 2.6 dB/100m	< 5.5 dB/100m	< 4.8 dB/100m

TELECOM CABLES

CW1308

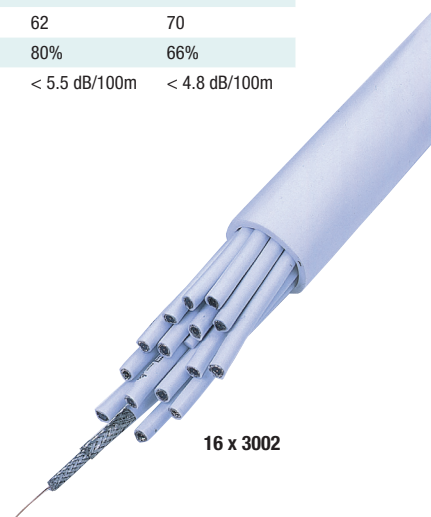
Pair Count	Conductor Size	Overall Diameter
2pr	0.5mm	3.80mm
3pr	0.5mm	4.20mm
4pr	0.5mm	4.80mm
6pr	0.5mm	6.0mm
10pr + Earth	0.5mm	8.20mm
20pr + Earth	0.5mm	9.60mm

Also Available CW1600

CW1128

Pair Count	Conductor Size	Overall Diameter
5pr	0.5mm	8.0mm
10pr	0.5mm	9.5mm
20pr	0.5mm	12.0mm
50pr	0.5mm	16.5mm
100pr	0.5mm	22.0mm

Also available CW1198



Although every effort has been made to ensure the accuracy of specifications at the time of this publication, specifications for products described are subject to change without notice.

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