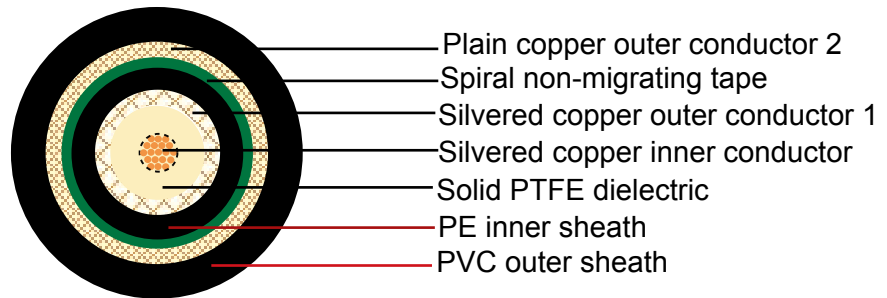


CTX 65 FLEX



Construction

Inner conductor	Silver plated copper	19 x 0,28 mm
Dielectric	Foam PE	Φ6,50 ± 0,10 mm
Outer conductor (shield 1)	Silver plated copper	216x 0,13 mm
Shield coverage		92%
Inner sheath	PE	Φ8,70 ± 0,10 mm
Tape	Spiral non-migrating tape	h. 27 mm
Outer conductor (shield 2)	Plain copper	216 x 0,16 mm
Shield coverage		92%
Outer sheath	PVC/LSOH	Φ11.00 ± 0,18 mm

Electrical & Mechanical Characteristics

Impedance	75±5 Ohm
Nominal capacitance	56 pF/m
Velocity of propagation	80%
Insulation resistance	>5000 Mohm.Km
Inner conductor resistance	15.5 Ohm/Km
Outer conductor resistance1	6.5 Ohm/Km
Outer conductor resistance2	5.8 Ohm/Km
Operating temperature range	-25°C - +80 °C
Copper weight	85.2 Kg/Km
Cable weight (approx.)	165.95 Kg/Km
Screening effectiveness	>70 dB

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Max. Attenuation(dB/100ft)
50	4.4	1.3
100	6.2	1.9
200	9.1	2.8
400	13.3	4.1
500	15.2	4.6
600	17.1	5.2
860	20.6	6.3
1000	22.4	6.8

Return Loss

30-300 MHz	>28dB
300-600 MHz	>25dB
600-900 MHz	>23dB