

Coaxial cable 75 ohm, TZC 750 24

KLKX HF 75 0.3/1.95



Features

Robust design with a dielectric of solid PE
Screened with a double braid
Telecom standard cable, equivalent to BT 3002
ROHS compliant

Application

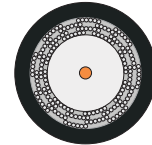
Intended for indoor use in transmission systems.

The coaxial cable is a 75 ohm version with solid dielectric, screened by a double braid and jacketed with a PVC compound. Offers the robustness and transmission properties required in dense telecom applications.



Cable design

- Inner conductor	solid plain copper wire	Ø 0.31 mm
- Insulation	polyethylene	Ø 1.95 mm
- Outer conductor	double braid of tin-plated copper wires	Ø 2.8 mm
- Jacket	PVC compound	Ø 3.6 mm



Electrical data *typical values*

Impedance	75 ohm
Capacitance	67 pF/m
<i>Attenuation</i>	
1 MHz	2.3 dB/100 m
4 MHz	4.5 dB/100 m
17 MHz	9.2 dB/100 m
70 MHz	19 dB/100 m
200 MHz	32 dB/100 m (max)
Velocity ratio	0.66
<i>DC-resistance</i>	
inner conductor	228 ohm/km
outer conductor	17.5 ohm/km

General data

Operating voltage	0.75 kV AC (max peak value)
Operating temp	-30 to +75 °C
Bending radius	+20 °C 20 mm (min)
Flame resistance	IEC 60332-1
Marking on jacket	manufacturer, year and week of manufacture, Ericsson product No. and length marking
Color	Black

Order information

Product number	Delivery length/drum	Cable Diam. mm	Net weight (kg/100m)
TZC 750 24	1000 m/K4	3.6	2.4

Suitable connectors

Connector series	Description Jack (female), Plug (male)	Ericsson part no.
M4	Straight jack crimp	RNT 148 102
M4	Straight plug crimp	RPT 148 102
BNC	Straight jack crimp	RNT 158 30
BNC	Straight plug crimp	RPT 158 54
1.0/2.3	Straight jack crimp	RNT 134 17/1
1.0/2.3	Straight plug crimp	RPT 134 09/2
SMB 75 (BT43)	Straight jack crimp	RNT 368 20/10
SMB 75 (BT43)	Straight plug crimp	RPT 368 20/10
1.6/5.6	Straight plug crimp	RPT 134 07/2
2.54 grid	Straight free fork crimp	RNV 325 02
2.0 grid	Straight free fork solder	RNV 421 1119/31

Transmission distance *)

Transmission Rate, Mb/s	Distance max.
2	270 m
8	125 m
34	125 m
140	65 m
155	65 m

*) The length is approximate for a direct link port to port according to ITU G703