

NEK/CDT	TECHNICAL DESCRIPTION	P / N : 51026
DESIGNATION :	RG 8 Type	REV : 1 PAGE: 1(1)
GENERAL :	Modified RG-8 , Rev J	Total diam. 10,0±0,10 mm Total weight 125 kg/km Cu-weight 87 kg/km

Description		Diameter :
Conductor :	Solid bare copper 2,74±0,025 mm	2,74 mm
Dielectric :	Foamed PE (good adhesion to conductor)	7,25±0,13 mm
Foil shield :	Al/PET/AL-tape bonded to dielectric	
Braid shield :	Solid tinned copperbraid Coverage : > 88% Max 8,24 mm over braid	8,1 mm
Jacket :	Black PE-material Marking " ERICSSON TZC 500 32" + batch nr.	10,0±0,10 mm
Spooling :	Min500/max520 m on drum S6 600/250/400	

Electrical values at 20°C :			
Capacitance		78	pF/m
Impedance		50±2	ohm
Velocity of propagation		87	%
DC resistance cond/shield		3,0/5,9	ohm/km
Frequency range		DC-4	GHz
Rated voltage		600	V AC
Breakdown voltage		2600	V DC
Tensile strength		>1500	N
Attenuation at	140 MHz	6	dB/100 m (max)
	350	9	
	900	15	
	1800	20	
	1900	21	

Mechanical properties :			
Static bending radius		min 100	mm
Temperature range		-40 to +85	° C

Rev.	Datum :	Ändring :	Sign. :
0	961028	New	HP
1	971003	Insulation diameter from 7,37±0,13 to 7,25±0,13 mm. Maximum size over braid added. Jacket diameter tolerance from 10,16±0,25 to 10,0±0,10 mm.	HP

For new product designs all parameters are pending a complete characterization of a prototype run.
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