

Uppgjord (även faktaansvarig om annan) - Prepared (also subject responsible if other)		Nr- No.				PLU030089	
ERA/AR/TD ERAINRY ERA/AR/TK ERARHD				1301- TZC 500 25 Uen			
Dokansv/Godk- Doc respons/Approved		Kontr- Checked		Datum- Date		Rev	File
ERA/AR/TDC (Raymond Hedlund)				1997- 07- 16		D	102

Approved according to protocol 4/1776- TZC 500 25 Uen

COAXIAL CABLE

1 GENERAL

1 .1 DESCRIPTION

Coaxial cable for telecommunication equipment.
Engineering data for TZC 500 25, which has a solid inner conductor,
a double screen of silver plated copper wire braid.
Halogen free according to IEC 754- 2. Impedance 50W.

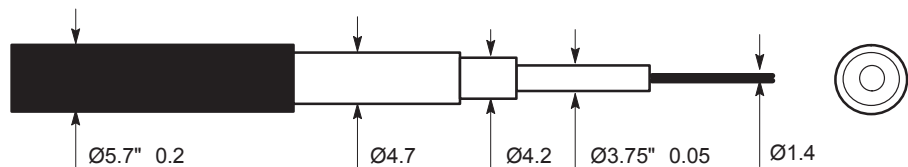
2 DESIGN

2 .1 MATERIAL

Conductor: Silver plated copper wire, solid.
Dielectric: Polyethylene, foam.
Screen: Double screen of silver plated copper wires.
Coverage: Braid 1 96%, braid 2 94%.
Wire diameter 0.10.
Jacket: Flame retardant according to IEC 332- 1.
Tested to UL 1581.1080(VW- 1) or better.
UV resistant, black.

2 .2 DIMENSIONS

Dimensions in mm.



3 UNIT

Quantity shall be given in m.

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LIMITING VALUES

Quantity	Condition	Value	Unit
Impedance		50" 2	W
Capacitance		82	pF/m
Insulation resistance		> 10 ⁸	MW/m
Operating voltage		max 0.5	kV
Velocity		82	%
Attenuation	At 30MHz	4.8	dB/100m
	At 200MHz	12.6	
	At 500MHz	20.7	
	At 1GHz	30.5	
	At 2GHz	45	
	At 3GHz	60	
Operating temp. range		- 40 to + 70	°C
Bending radius	Under construction	min 60	mm
	After fixed	min 30	
Weight		55	kg/km

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MARKING

Each component and package shall be marked with the following information:

- a ERICSSON type designation and/or IEC 332- 1.
- b Manufacturer's name and/or trade mark.
- c Date of manufacture, preferably year and week in a four digit code (YYWW) or batch code. If limit in space, this can be transferred to the package.

The marking shall be resistant to mechanical wearing that can arise at normal handling, storage and operation. The marking must not be affected either by water, trichlorethylene, ethylalcohol nor perchlorethylene.

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