



PACIFIC ELECTRIC WIRE & CABLE CO., LTD.

26F, NO. 95, SEC. 2, DUNHUA S RD, TAIPEI CITY 106, TAIWAN, R.O.C

Messrs. _____

Date: Mar.02,2007

Spec. No.: TCE-96003

Design No.: KPF0D-0011

File No.: _____

Purchaser _____

Our Proforma Invoice No. _____

Subject :

CTLLCX Coaxial Cable

According to : PEWC Specification

Approved By _____

Checked By _____

Designed By _____



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C. L. Lee

Manager
Communication Cable Division



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SPECIFICATION FOR CTLLCX Coaxial Cable

CABLE CONSTRUCTION

Description		Particulars
		CTLLCX 1/2"
Inner Conductor	Material	AlCu wire
	O.D.(mm)	4.85
Insulation	Material	Foamed PE
	O.D.(mm)	12.0
Outer Conductor	Material	Corrugated Cu tube
	O.D.(mm)	13.8
Jacket	Material	PE
	O.D.(mm)	15.8
Cable weight	(kg/m)	0.25
Cable marking		PACIFIC CTLLCX 1/2" CFC-50 OHM

*O.D.: Overall Diameter

*All of the data are nominal value.

MECHANICAL PROPERTIES

Description	Particulars
	CTLLCX 1/2"
Min. bending radius (mm)	125

ELECTRICAL PROPERTIES (at 20)

Description		Particulars
		CTLLCX 1/2"
DC resistance of conductor(/km)	-inner:	1.6
	-outer:	1.5
Characteristic impedance ()nom @200MHz		50
Typical VSWR@ 30~2200MHz		1.2
Transmission loss (dB/100m)		Table 1.

PACKING:

Each length of cable shall be packed with wooden drum so as to prevent the cable from damage during storage and transportation. Both ends of the cable shall be sealed by a suitable method to prevent the entrance of moisture.

***** END OF SPECIFICATION *****



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Table 1. Transmission loss

Frequency MHz	Transmission loss
	1/2" dB/100M (Nom.)
30	1.17
150	2.67
300	3.83
450	4.75
824	6.56
890	6.85
900	6.90
960	7.12
1700	9.74
1800	10.1
1900	10.4
2000	10.7
2200	11.2