



Revision History

Part NO: C3-355	Price NO:
Prepared by: CXY	Date: 2018/4/10
Approved by:	Page: 1 of 1

Product Code: TEL 301 5020/004(4520)

Product Description

Application:
 HALOGEN FREE SCREENED SYMMETRICAL CABLE FOR INDOOR USE

Reference Standard
 Customer's sample spec. and the general standard

Multi-construction
 4 Pair

Cable Construction

1.4 Pair	Bare Copper
Construction	0.57+/-0.01mm
Standard Dia.(mm)	0.57
2. Insulation	HDPE
Thickness(mm)	0.21
Insulation Dia.(mm)	1.00+/-0.10mm × 2C twist
3. Filler	Cross Member
4. Jacket	LSZH
Thickness(mm)	0.60
Dia.(mm)	6.30+/-0.3
Jacket Color	Grey(RAL7001)

Color
 Insulation color are:
 Blue, White/Blue Orange, White/Orange
 Green, White/Green Brown, White/Brown

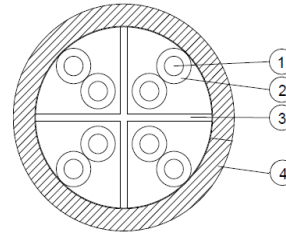
Marking(ink Black one per meter)
 RG Wire & Cable #4520 E478021 YYWW 4 Pr 23 AWG
 UL CM 75C +001m.....

PACKAGING
 500M/Drum

Label

Part no: 32061272
Qty: 500mtrs
Order no: ?????
RoHS Compliant

Design



Electrical Characteristics

Max. Conductor DC Resistance at 20°C (Ω/m)	<76
Operating temperature(°C)	-20 to +75
Operating voltage(V)	300
Min. Insulation DC Resistance at 20°C (MΩ*KM)	5000
Resistance Unbalance	Max 4%
Dielectric strength (conductor-conductor)	2.5kV DC 2 sec
Capacitance Unbalance @ 1KHz (pF/500m)	150 Max
Capacitance mutual(pF/m)	46
Attenuation 1-100MHz(dB/100m)(±8%)	
	4 MHz 3.8
	10 MHz 6
	16 MHz 7.6
	20 MHz 8.5
	31.25 MHz 10.8
	62.5 MHz 15.5
	100 MHz 19.9
	125 MHz 22.5
	200 MHz 29.2
	250 MHz 33
Return Loss	4 - 10 MHz 1+5*log10(f/fo)
	10 - 20 MHz 25 dB
	20 - 250 MHz 'log10(f/fo*20)
Near End Crosstalk NEXT 4 -250 MHz(dB)	72.3-15*log10(f/fo)
Far End Crosstalk ELFEXT 4-250 MHz (dB/100m)	65-20*log10(f/fo)
Delay Skew 4 - 125 MHz	Max 0.45 ns/m
Fire Properties	UL 1685 CM IEC 60332-1

UL Label

FILE No.:	E478021	STYLE:	CM
AWG:	8×23AWG	MAX TEMP:	75°C
SER No.	INSULATION 8MILS PE		
	JACKET 24MILS LSZH		
LENGTH:	1641FT	MFG DATE:	

