

# #6286 - OUTDOOR ETHERNET FTP Cat 5E PE-PUR

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Part NO: RGW-457-3

Product Code: #6286 - OUTDOOR ETHERNET FTP Cat 5E PE-PUR

## Product Description

### Application:

Horizontal Wiring in LAN

### Reference Standard

EIA/TIA 568A&ISO/IEC 11801

### Multi-construction

4 Pair

### Cable Construction

**Conductor** Solid Bare Copper

Construction 0.51±0.01

Standard Dia.(mm) 0.51

**Insulation** HDPE

Average Thickness 0.22

Insulation Dia.(mm) 0.95±0.08×2C Twist

**Each Pair is Twisted ,Unshielded.**

**Total Mylar Spiral** >=115%

**Drain wire** Tinned Copper

Construction (mm) T0.50±0.008

**Al-Pet Shielded** Al/PET

Thickness( μ ) 40/12

**Jacket 1** UY-PE

Thickness(mm) 0.5

Dia.(mm) 6.0±0.15

Jacket Color Black

**Filler** Chalk

**Jacket 2** PUR (A85P4441)

Thickness(mm) 0.5

Dia.(mm) 7.00±0.20

Jacket Color Grey(RAL7032)

### Color

**Insulation color are:**

Blue, White/Blue

Orange, White/Orange

Green, White/Green

Brown, White/Brown

**Marking(Black ink,Every meter)**

CBNL FTP UV-PE/UV-PUR 4 PAIR 24AWG SOLID CAT5E

EIA/TIA 568A & ISO/IEC +001M.....

### PACKAGING

250M/Wooden Drum

### Label

#6286  
 CAB1143LF  
 250M  
 ROHS

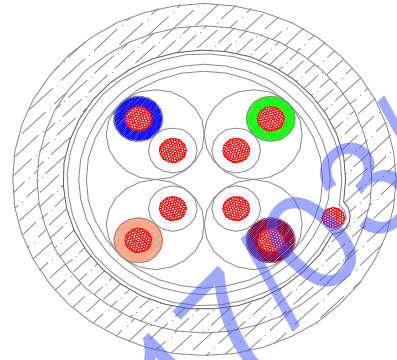
### Revise record:

RGW-457-3 2017-4-26 Revise Marking,Label

A0-1

Price NO.: RGW-0286

## Design



## Performance

Frequency (MHz)	RL (dB)	Attenuation (dB/100m)	NEXT (dB)	ACR (dB)
	min.	max		

0.722	22.60	1.82	67.00	65.00
1.000	23.10	2.00	65.30	63.00
4.000	23.00	4.10	56.30	51.00
8.000	24.50	5.80	51.80	45.00
10.00	25.00	6.50	50.30	43.00
16.00	25.00	8.20	47.30	37.00
20.00	25.00	9.30	45.80	35.00
25.00	24.20	10.23	44.30	32.00
31.25	23.30	11.71	42.90	29.00
62.50	20.70	17.25	38.40	19.00
100.00	19.24	22.00	35.30	9.00

Frequency (MHz)	ELFEXT (dB)	PSELFEXT (dB)	Impedance( Ω ) (Ohm)
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0.722	66.00	63.00	
1.000	63.80	60.80	
4.000	51.70	48.70	
8.000	45.70	42.70	
10.00	43.80	40.80	
16.00	39.70	36.70	100±15
20.00	37.70	34.70	
25.00	35.80	32.80	
31.25	33.90	30.90	
62.50	27.80	24.80	
100.00	23.80	20.80	

## Characteristics

Max.Conductor DC Resistance at 20°C ( Ω /Km) <91.1

Rated Temperature(°C) 60

Velocity ratio 65%

### RoHS GUIDELINE

We operate according to the following standards

Control Item	Standard	Testing Method	Testing Equipment
Cadmium content (Cd)	<0.01%	EN1122	ICP-AES
Lead content (Pb)	<0.1%	EPA3050B	ICP-AES
Mercury content (Hg)	<0.1%	EPA3052	ICP-AES
Chromium (VI) content	<0.1%	EPA3060(UN-VIS)	ICP-AES
Polybrominated Biphenyls (PBB)	Forbidden	GC/MS	
Polybrominated Diphenyl Ether (PBDE)	Forbidden	GC/MC	

Date: 2017-04-26

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