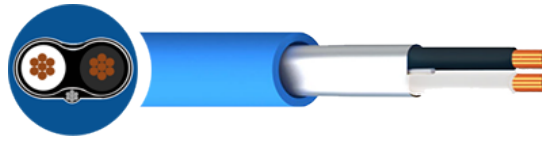


## BS EN50288-7RE-2X(st)Y PiMF Comms & Control Cable PVC CAT



### Description

BS EN50288-7 RE-2X(st)Y PiMF Comms & Control Cable | PVC | CAT

### Key Features



**Voltage Rating**  
300/300 Volts



**Minimum Bending Radius**  
Fixed: 6 x overall diameter



**Flame Retardancy**  
BS EN/IEC 60332-1-2  
BS EN/IEC 60332-3-24



**Temperature Limits**  
Fixed: -40°C to +80°C

### Core Colours

Pairs - (Numbered)

Triple - White Black Red

Sheath - Blue or Black

### Standards

- BS EN/IEC 60332-3-24
- BS EN/IEC 60228
- BS EN/IEC 60332-1-2
- BS EN 50288-7
- BS EN 50288-1

### Construction

- **Conductor:** Under 1mm<sup>2</sup> Class 5 flexible copper conductor  
1mm<sup>2</sup> & above Class 2 stranded copper conductor
- **Insulation:** Cross Linked Polyethylene (XLPE) laid up to form pairs
- **Overall Tape Screen:** Aluminium/Polyester Tape (AL/PET) with 0.5mm drain wire
- **Outer Sheath:** Polyvinyl Chloride (PVC)
- **Sheath Colour:** Blue or Black

### QA Lab

#### Cleveland Cable Test & Training Lab

Our state-of-the-art cable testing facility ensures that every cable meets the highest standards of quality and compliance through continuous, rigorous testing. Where applicable, cables are independently tested and certified by BASEC to ensure full compliance.



### CPR

Cleveland Cable Company is committed to compliance with the Construction Products Regulation (CPR). Where applicable, all cables manufactured after 1st July 2017 have been assessed in accordance with CPR requirements, with full supporting documentation available.



### Our Sustainability Commitment

We are committed to the journey to Net Zero as a business partner, an employer and a community member.

By thinking and acting sustainably, we deliver excellent customer service while reducing carbon emissions in collaboration with our customers and suppliers.



### ecovadis

Cleveland Cable Company has been independently assessed by EcoVadis, a globally recognised provider of business sustainability ratings. Our score places us among the top 35% of companies evaluated worldwide, reflecting our strong commitment to environmental, social, and ethical performance

ecovadis

BS EN50288-7RE-2X(st)Y PiMF Comms & Control Cable PVC CAT - Dimensions

Reference	Conductor Size (mm2)	No Of Cores	No Of Pairs	Overall Diameter(mm)	Weight(Kg/Km)
RE2X9100	0.5	2	1	4.6	60
RE2X9124	0.5	3	1 Triple	4.8	69
RE2X9101	0.5	4	2	6.7	75
RE2X9102	0.5	10	5	8.6	190
RE2X9103	0.5	20	20	11.9	305
RE2X9104	0.5	30	15	13.8	410
RE2X9105	0.5	40	20	15.5	518
RE2X9106	0.75	2	1	4.6	69
RE2X9125	0.75	3	1 Triple	5.4	83
RE2X9107	0.75	4	2	7.6	99
RE2X9108	0.75	10	5	9.8	242
RE2X9109	0.75	20	10	13.7	380
RE2X9110	0.75	30	15	15.9	445
RE2X9111	0.75	40	10	17.9	684
RE2X9126	1	2	1	5.3	142
RE2X9112	1	3	1 Triple	5	130
RE2X9113	1	4	2	7.5	155
RE2X9114	1	10	5	9.5	292
RE2X9115	1	20	10	13.4	405
RE2X9116	1	30	15	15.5	790
RE2X9117	1	40	20	17.4	865
RE2X9118	1.5	2	1	6.4	90
RE2X9127	1.5	3	1 Triple	6.7	115
RE2X9119	1.5	4	2	9.7	150
RE2X9120	1.5	10	5	12.6	350
RE2X9121	1.5	20	10	17.9	575
RE2X9122	1.5	30	15	20.8	820
RE2X9123	1.5	40	20	23.5	1080

## BS EN 50288-7 COMMS & CONTROL CABLE– ELECTRICAL CHARACTERISTICS

CONDUCTOR SIZE  (MM <sup>2</sup> )	CONDUCTOR CLASS	MUTUAL CAPACITANCE pF/m			MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C  Ω/Km	MAXIMUM L/R RATIO  μH/ohms
		Cables with Collective Screen Only	1 Pair, 2 Pairs, 1 Triple Collectively Screened	Cables with Individually Screened Pairs		
0.5	5	75	115	115	39	25
0.75	5	75	115	115	26	25
1	2	75	115	115	18.1	25
2	2	85	120	120	12.1	40
<b>3</b>	<b>2</b>	<b>85</b>	<b>120</b>	<b>120</b>	<b>7.41</b>	<b>65</b>

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