

# EN 50288-7 - RE-2X(st)Y SWA PiMF Comms & Control Cable LSZH ICAT



## Description

EN 50288-7 RE-2X(st)Y LSZH PiMF cable for analogue and digital communications. Robust multi-core LSZH cable for internal industrial installations in trays, ducts, and conduits.

## Key Features



**Voltage Rating**  
300 Volts



**Minimum Bending Radius**  
10 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  
Flexing: 0°C to +50°C

## Core Colours

Pairs: White Black with numbers

Triples: Black White Red

## Standards

- BS EN/IEC 61034-2
- BS EN/IEC 60332-1-2 & BS EN/IEC 60332-3-24
- BS EN/IEC 60754-1/2
- BS EN 50288-7

## Construction

- **Conductor:** 0.5mm<sup>2</sup> - 0.75mm<sup>2</sup>: Class 5 flexible Copper  
1mm<sup>2</sup> and above: Class 2 stranded Copper
- **Insulation:** Cross Linked polyethylene (XLPE)
- **Screen:** Individual & Collective Aluminium/mylar tape with 0.5mm drain wire
- **Bedding:** Low Smoke Zero Halogen (LSZH)
- **Armour:** Steel Wire Armour (SWA)
- **Outer Sheath:** UV resistant Low Smoke Zero Halogen compound (LSZH)
- **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

## EN 50288-7 - RE-2X(st)Y SWA PiMF Comms & Control Cable LSZH ICAT - Dimensions

Reference	Conductor Size (mm <sup>2</sup> )	No Of Cores	No Of Pairs	Overall Diameter(mm)	Weight(Kg/Km)
50288PIMFSWAH12X/5	0.5	2	1	10.0	240
50288PIMFSWAH3X/5	0.5	3	1 Triple	10.6	295
50288PIMFSWAH2X2X/5	0.5	4	2	14.5	352
50288PIMFSWAH2X5X/5	0.5	10	5	13.3	390
50288PIMFSWAH2X10X/5	0.5	20	10	26.8	775
50288PIMFSWAH2X15X/5	0.5	30	15	29.8	1286
50288PIMFSWAH1X2X/75	0.75	2	1	10.2	268
50288PIMFSWAH3X/75	0.75	3	1 Triple	10.9	320
50288PIMFSWAH2X2X/75	0.75	4	2	16.0	402
50288PIMFSWAH2X5X/75	0.75	10	5	19.1	440
50288PIMFSWAH2X10X/75	0.75	20	10	32.3	820
50288PIMFSWAH2X15X/75	0.75	30	15	32.5	1341
50288PIMFSWAH1X2X1	1	2	1	10.6	290
50288PIMFSWAH3X1	1	3	1 Triple	11.5	345
50288PIMFSWAH2X2X1	1	4	2	17.5	495
50288PIMFSWAH2X5X1	1	10	5	21.5	590
50288PIMFSWAH2X10X1	1	20	10	19.4	960
50288PIMFSWAH2X15X1	1	30	15	36.0	1467
50288PIMFSWAH1X2X1/5	1.5	2	1	11.0	312
50288PIMFSWAH3X1/5	1.5	3	1 Triple	12.2	395
50288PIMFSWAH2X2X1/5	1.5	4	2	19.2	560
50288PIMFSWAH2X5X1/5	1.5	10	5	24.5	740
50288PIMFSWAH2X10X1/5	1.5	20	10	25.0	1340
50288PIMFSWAH2X15X1/5	1.5	30	15	39.4	1772

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