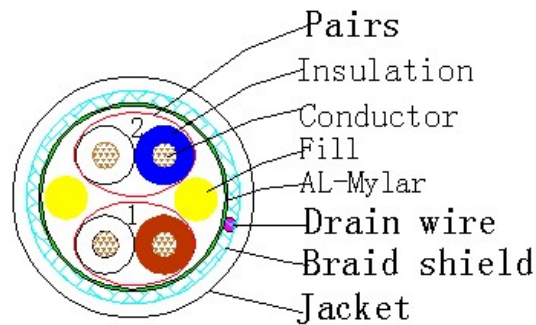


## DRAKA RS485 2P 22AWG FPE

### Serial Data Communication Cable



### Application

For multi-dropped, medium-speed, serial data communication in electrically noisy industrial environments. Application includes industrial networks using RS-485 / RS-422 / RS-232 transceivers, RS-422 systems for Process Automation (chemicals, brewing, paper mills), factory automation (autos, metal fabrication), HVAC, security, motor control and motion control.

### Standards

EIA/TIA RS-485

### Construction

Conductor	Stranded Tinned Copper, 22AWG, Diameter 7 x 0.254mm	Ø0.76mm
Insulation	Foam-PE	Ø2.2 ± 0.2 mm
Color code	Pair 1: White*Orange, Pair 2: White*Blue	
1 <sup>st</sup> screen	1 x AL-Mylar Wrap, Overlapping	>= 25 %
Drain wire	7/0.254mm Stranded Tinned Copper	
Braid shield	Tinned copper	
Coverage	≥85%	
Jacket	LSZH(Black) / PVC(Grey)	Ø9.0 ± 0.2mm

## DRAKA RS485 2P 22AWG FPE

### Mechanical Properties

Rated temperature	80°C
Bend radius	10 x D
Operating temperature range:	-20°C to 70°C

### Electrical Properties

at 20°C

Conductor resistance (at 20 ± 5 °C)	≤ 58 Ω/km
Capacitance conductor to conductor	Nom. 12.50 pF/ft
Capacitance Cond. to Other Conductor & Shield	Nom. 23 pF/ft
Impedance	100 to 120 Ω
Voltage	30V RMS (AWM2919)

### Fire Rating

LSZH: IEC 60332-1-1/2; IEC 60754-1 & 2; IEC 61034-2  
PVC: IEC 60332-1-1/2;

### Ordering Information

SAP 1C	UC P/N	Product Description	P.U
TBA	48222F	RS485 Serial Data 2P 22AWG, FPE, Tinned Cu Braid 85% PVC, Grey	500m/reel
TBA	48222FL	RS485 Serial Data 2P 22AWG, FPE, Tinned Cu Braid 85% LSZH, Black	500m/reel

#### Marking:

Marked in 1 meter intervals as follows:

Draka MMS RS485 <Part Number> <Pair Qty>P <XX>AWG <PVC/LSZH> <FC><BATCH CODE> <XXX>M

<XX>: denotes conductor size in AWG

<FC> : Draka defined factory Code

<BATCHCODE>: Factory defined tracking code MM/YYYY or WW/YYYY

<XXX> : increasing length marking by 1metre

## DRAKA RS485 2P 22AWG FPE

### Logistic

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**Packing:**

Wooden drum.

**Delivery Lengths:**

500m per drum.

### Enquiries

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Please contact our local sales offices or [mms.asia@prysmiangroup.com](mailto:mms.asia@prysmiangroup.com)

Multimedia Solutions is the data communication portfolio of Prysmian Group and comprises all the necessary portfolio of cable solutions for data communication.

Ask about UCCONNECT™ for a complete Fibre Optics Solutions with 25 Years System Warranty.

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