



TITLE:

ISP Individual Foil Screen PE

CODE:

SFX/ISP3-SWA-PE-BLK-1

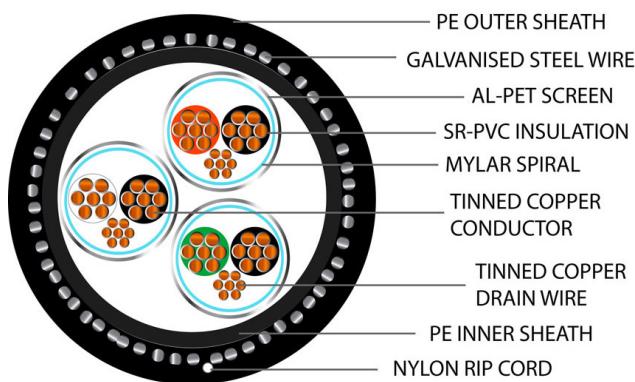
DESCRIPTION:

1m (per metre) ISP3 3pr 22AWG
Individual Foil Screen 600V SWA Black
PE (8777)

SUPPLIED AS:

Per 1m Lengths

- Widely used in the security industry for CCTV telemetry purposes
- Also used in applications such as computing where extra screening is required to prevent cross talk between pairs
- Polyethylene plastic is excellent for use externally above ground or below ground inside ducting
- Provides mechanical protection against cable being pinched or pierced
- UV resistant
- A quality alternative to genuine Belden cable





Product Specification

25-YEAR WARRANTY

Cable Construction

Cable Construction	3 Pairs
CPR	Fca
Conductor	Tinned Copper
Conductor Diameter (mm)	0.24 ±0.008 x 7(0.33mm ²)
Stranded Diameter (mm)	0.64
Overall Diameter (mm)	11.40 ±0.20

Insulation

Insulation	HDPE
Insulation Colour	Red,Black;Green,Black;White,Black
Insulation Resistance @20°C	>200MO/km
Insulation Thickness (mm)	0.28

Outer/Jacket Specification

Outer Jacket	PE
Outer Jacket Colour	Black RAL 9005
Inner Jacket	PE
Inner Jacket Colour	Black RAL 9005
Inner Jacket Diameter (mm)	7.20 ±0.20
Inner Jacket Thickness (mm)	1
Overall Colour	Black
Overall Diameter (mm)	11.40 ±0.20
Jacket Colour	Black RAL 9005
Nylon Rip-Cord	White 210D

Electrical Characteristics

Insulation Resistance @20°C	>200MO/km
Max Conductor DC resistance @ 20°C	<500Ω/km
Rated Temperature (°C)	-20°C to 80°C
Rated Voltage (V)	600V



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MORE INFORMATION:

EURO CLASS (ca:cable)	CLASSIFICATION CRITERIA		CPR GUIDE	Securi-Flex®
	FIRE RATING 	SFX COMMENT		
Reaction to Fire BS EN ISO 1716				
A_{ca}	Does not contribute to the fire	Due to availability, it will be almost impossible for a cable to meet Aca, so they should only be specified with extreme caution.		
Reaction to Fire BS EN 50399				
B1_{ca}	Minimum contribution to the fire	It's highly unlikely the commonly-used cables will be classified to Class B1ca.	BS EN 50399/BS EN 61034-2	BS EN 50399
B2_{ca}	Combustible, low flame spread & heat release contribution to the fire	Similar to Class Cca, although a lower acceptable heat release rate and burn measurement. In practice, this is likely to be the highest class cables will meet.	 s1a: s1 + transmittance >=80% (BS EN 61034-2)	 d0: No fall of droplets or flaming particles, times for 1200 seconds
C_{ca}	Combustible, moderate flame spread & heat release	This is a more rigorous test than Class Dca, this is widely accepted across Europe as the 'go to' classification, but be aware, many cables do not meet Class Cca though availability is improving.	 s1b: s1 + transmittance >=60% <80% (BS EN 61034-2)	 d1: Fall of droplets or flaming particles that persist for less than 10 seconds, timed for 1200 seconds
D_{ca}	Combustible, moderate flame spread & heat release	This classification has relatively little use or acceptance within specifying/contracting organisations. This is because no large scale fire growth is measured.	 s1: Low production of slow propagation of smoke	 d2: None of the above
Reaction to Fire BS EN 60332-1-2			 s2: Intermediate production & propagation of smoke	 d3: None of the above
E_{ca}	Combustible, limited fire spread of less than 425mm	A basic test for vertical flame propagation for a single insulated wire or cable using a 1 KW pre-mixed flame. Note: This test does not measure heat release, toxic fumes or smoke.	 s3: None of the above	 d4: None of the above
F_{ca}	Combustible, fire spread of more than 425mm	Cables classified to Class Fca may have high levels of flammability due to the materials they are made of. This does not mean that the cable cannot be used, it is more likely to be used external.		
Classes A to E have to be tested by an independent authorised laboratory. Most cables will fall into classes B2ca to Eca. For a cable to meet Aca, B1ca, B2ca or Cca, there also needs to be regular on-going factory audits.				

OUR OPERATING TEMPERATURE RANGE GUIDE

