

BELDEN QUIVALENTS



TITLE:

ISP Individual Foil Screen PE

CODE:

SFX/ISP2-SWA-PE-BLK-1

DESCRIPTION:

1m (per metre) ISP2 2pr 22AWG Individual Foil Screen 600V SWA Black PE (8723)

SUPPLIED AS:

Per 1m Lengths

- Wideley used in the security industry for CCTV telemetry purposes
- · Also used in appliactions 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































BELDEN EQUIVALENTS



Product Specification



Cable Construction

Cable Construction	2 Pairs	
CPR	Fca	
Conductor	Tinned Copper	
Conductor Diameter (mm)	0.24 ±0.008 x 7(0.33mm²)	
Stranded Diameter (mm)	0.64	
Overall Diameter (mm)	8.00 ±0.20	

Insulation

Insulation	HDPE
Insulation Colour	Red,Black;Green,White
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 Thickness (mm)	0.55
Overall Colour	Black
Overall Diameter (mm)	8.00 ±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	<56O/km
Rated Temperature (°C)	-20°C to 80°C
Rated Voltage (V)	600V









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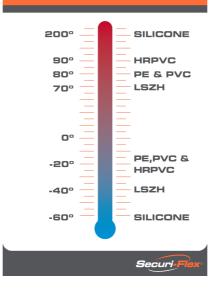
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MORE INFORMATION:

CLASSIFICATION CRITERIA						
CLASS (ca:cable)	FIRE RATING	SFX COMMENT	CPR GUII	DE <i>Sec</i>	curi-Flex°	
Reaction to Fire	Reaction to Fire BS EN ISO 1716 SUBCLASSIFICATIONS FOR EUROCLASSES Boa to Doa					
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.	(S) SMOKE PRODUCTION	(D) FLAMING DROPLETS	(A) SMOKE ACIDITY	
Reaction to Fire	e BS EN 50399		BS EN 50399/BS EN 61034-2	BS EN 50399	BS EN 60754-2	
B1 _{ca}	Minimum contribution to the fire	It's highly unlikely the commonly-used cables will be classified to Class B1ca.	s1a: s1 + transmittance >=80% (BS EN 61034-2)	d0: No fall of droplets or flaming particles, times for 1200 seconds	a1: Very low acidity (conductivity <2.5 µS/mm & pH >4.3)	
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.	s1b: s1 + transmittance >=60% <80% (BS EN 61034-2)	d1: Fall of droplets or	a2: low acidity	
Cca	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.	s1: Low production of slow propagation of smoke s2: Intermediate	flaming particles that persist for less than 10 seconds, timed for 1200 seconds	(conductivity <10 µS/mm & pH >4.3)	
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.	production & propagation of smoke s3: None of the above	d2: None of the above	d2: None of the above	
Reaction to Fire	e BS EN 60332-1-2					
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.	Visit us onlin www.securiflex		The Trusted Cable Brand	
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 teste Most cables will fall into classes For a cable to meet Aca, B1ca, factory audits.	s B2ca to Eca.	*	

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