



Energy cables No power, no show!

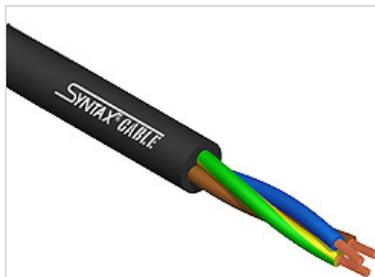
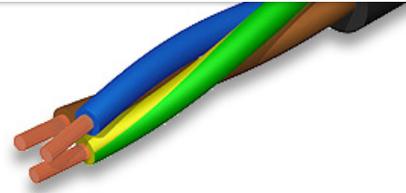
Flexible and handy cables, for electrical connections of professional lighting, audio and video systems. The best choice for a use where handling operations are very intense.

Syntax[®], no compromise

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Photo

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Main Power cable

7ZF ...

The field of use of the SYNTAX[®] MAINFLEX cable is in the electrical connections of professional lighting systems and in all applications where the softness of the cable is required. The particular formation of the conductors with high-density strand, gives the cable a high flexibility even in the presence of low temperatures. The non-abrasive outer sheath complies with the standard CEI 20-22 / III - IEC 60332-3-24 - EN 50266-2-4 flame retardant.

It is particularly suitable for use with the SPIDER SYNTAX[®] SSX 19-pin connector since the external diameter of 11.3 mm guarantees the IP67 watertightness required for outdoor use.

DETTAGLI CAVO

Jacket: Black matt PVC flame retardant

Resistance of conductors: IEC 60344

Insulation resistance: > 200 MΩ/Km

Operating Voltage: 450/750 V

Temperature range: -30°C +70°C

Part N.	Cores	Inner conductors	Diameter
7ZF0325	3x2.5 mm ²		ø 11,3 mm
7ZF0340	3x4 mm ²	Brown-Blue-Green/Yellow	ø 13,0 mm
7ZF0360	3x6 mm ²		ø 14,0 mm
7ZF0525	5x2,5 mm ²		ø 12,5 mm
7ZF0540	5x4 mm ²	Brown-Blue-Black-Grey-Green/Yellow	ø 15,0 mm
7ZF0560	5x6 mm ²		ø 16,0 mm



Photo

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Motor power supply cable

7ZF0425M

The 7ZF0425M cable is the optimal solution to manage the power supply of three-phase motors used for lifting aluminum trusses or specific scenographic equipment in the world of exhibitions and entertainment. The three phases are identified by the number placed on the sheath of the internal conductors while the yellow-green cable is used for earthing.

The conductors have a section of 2.5 mm² that allows to manage high powers.

The outer sheath is made of black flexible PVC, flame retardant according to CEI 20-22 / III standards.

DETTAGLI CAVO

Conductors: 3 x 2.5 mm² black PVC numbered
1 x 2.5 mm² Green/Yellow
Jacket: Black matt PVC Ø 12.2 mm
Resistance of conductors: IEC 60344

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Power supply cable

7ZF T ...

SYNTAX® Multipolar Power cables are built with a flexible and anti-abrasive outer sheath and comply with CEI 20-22 / III - IEC 60332-3-24 - EN 50266-2-4 standards, non-fire-retardant.

Because of their flexibility and maneuverability, they are suitable for continuous windings both in outdoor applications and for fixed installations.

The conductor strand formation is high density for greater flexibility.

Designed for electrical connections to lighting systems, they are compatible with our 19-pin SYNTAX connectors of the SSX series.

DETTAGLI ELETTRICI

Resistance of conductors: IEC 60344
Insulation resistance: > 200 MΩ/Km
Operating Voltage: 450/750 V
Temperature range: -30°C +70°C

Part N.	Cables	
7ZF1915T	19 x 1,5 mm ² - 18 numbered jackets + Green/Yellow	Ø 18,0 mm
7ZF1925T	19 x 2,5 mm ² - 18 numbered jackets + Green/Yellow	Ø 22,3 mm
7ZF1225T	12 x 2,5 mm ² - 11 numbered jackets + Green/Yellow	Ø 18,0 mm

Prodotti associati

[Connettori SYNTAX® Serie SSX 19 pin](#)


Photo

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Power supply cable

7ZF1925HP

This additional version of the 19x2.5 multipolar cable has been designed for use where manipulation operations are very intense. The internal conductors are colored alternately and numbered so as to make the six supply channels easily recognizable. The particular distribution of the internal cables and the material used for the outer sheath allow numerous winding and unwinding cycles, without any problem of duration for the cable's life. The six channels are easily recognizable by the color and the assignment number.

The cable is constructed with a flexible and anti-abrasive PVC outer sheath, compliant with the standard CEI 20-22 / III - IEC 60332-3-24 - EN 50266-2-4, non-fire-retardant.

DETTAGLI ELETTRICI

Resistance of conductors: IEC 60344
Insulation resistance: > 200 MΩ/Km

Operating Voltage: 450/750 V
Temperature range: -30°C +70°C

Prodotti associati

[Connettori SYNTAX® Serie SSX 19 pin](#)



Power supply cable

7ZF1925PUR

This version of the 19 pole multipolar cable is suitable where required the use of a halogen-free cable. The use of reticular polyurethane sheaths (PUR) offers a high shear strength and an extremely long life, despite the reduced thickness of the cable sheath.

The particular distribution of internal cables allows continuous windings and movements both in outdoor and indoor applications. The various advantages are: a cable with a smaller diameter (18mm) for better handling, less weight to handle (0.62 kg / m), good flexibility and compatibility with halogen-free standards, thanks to the intrinsic characteristics of the reticular polyurethane (PUR) .

Photo 

DETTAGLI ELETTRICI

Resistance of conductors: IEC 60344

Operating Voltage: 300/500 V

Insulation resistance: > 200 MΩ/Km

Temperature range: -40°C +80°C

Prodotti associati

[Connettori SYNTAX® Serie SSX 19 pin](#)

Attachments

- [Cavi Syntax ENERGIA_.pdf](#)
- [Syntax_cavi_e_avvolgicavo.pdf](#)

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