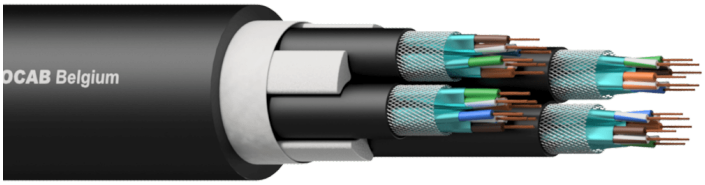
PNC047

4 x CAT7 S/FTP networking cable

Highlights:

- Made in EU
- All-in-one solution
- Custom installation
- Easy and fast installation
- Combine multiple cables cores in one single cable



Product information:

The PNC047 is a multi-network cable which consists of 4 x CAT 7 LAN cable. In applications where multiple devices need to be connected over LAN cable or where redundant links need to be set up this cable is the ideal solution. The 4 x LAN cable each have a separate jacket which makes it easy to split out the cables at the end.

Components:

- CableType: HCT70S - CAT7 S/FTP networking cable

Certification:

MADE IN EUROPE

Properties:



Product Features:

Application	Rental & MI
Series	Bulk & Accessories

We reserve the right to change specifications without notice, this is part of our policy to continually improve our products.

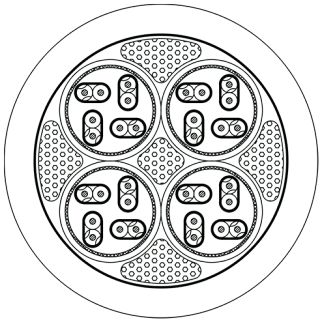
Physical Characteristics:

Components		4 x HCT70S
Outer jacket	Material	Highflex PVC 19.5 mm (Ø)
	Colours	Black
Type of cable		CAT7 S/FTP Networking cable
Filling		Non-woven (PET/PA) tape

Standards & regulations:

RoHS2 compliant	According EU Directive 2011/65/EU
Reach compliant	According EC 1907/2006
Flammability test	According EN 60332-1-2

Cross sections:



Mechanical Characteristics:

Temperature range	Fixed installation	- 15 °C till + 70 °C
	Mobile installation	- 5 °C till + 75 °C
Bending radius	Fixed installation	8 x outer diameter
	Mobile installation	10 x outer diameter

Variants:

- PNC047/1 - 100 meter
- PNC047/3 - 300 meter

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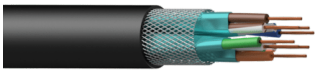
Component details:

HCT70S

CAT7 S/FTP networking cable

This cable is only used as a production component for PROCAB pre-made cables and is not sold separately or in bulk. Consult the product sheet for detailed information about this component.



Physical Characteristics:

Inner conductor	Data	Material		BC 7 x 0.155 mm (Ø) (OFC)
		Section		0.13 mm²
		American Wire Gauge		26 AWG
		Number of conductors		8 (4 pairs)
		Insulation	Material	FPE 1.05 mm (Ø)
			Colours	Green / White & Green ; Blue / White & Blue ; Orange / White & Orange ; Brown / White & Brown
		Shielding	Aluminium foil	Al-mylar, 100% coverage - 25% Overlap
Overall shielding	Braiding			TC (OFC) – 65% coverage
Outer jacket	Material			PVC 6.3 mm (Ø)
	Colours			Black

Electrical Characteristics:

Max. conductor	DC resistance	148 (Ω / Km)
Capacitance	Cond/Cond	47 (pF/m)
Characteristic impedance		100 Ω ± 15% Ω
Nom. Velocity of propagation		74 %
Return loss (dB)		(From 1 to 25 MHz) > 20 dB
Dielectric strength		(Cond/Cond) 0.7 (KV / 1 min. DC)

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