

## Highlights:

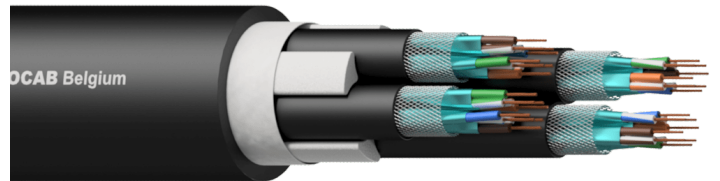
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- Made in EU
- All-in-one solution
- Custom installation
- Easy and fast installation
- Combine multiple cables cores in one single cable

## Product information:

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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:

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- CableType: HCT70S - CAT7 S/FTP networking cable

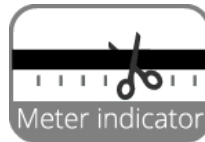
## Certification:

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## Properties:

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## Product Features:

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Application	Rental & MI
Series	Bulk & Accessories

## Physical Characteristics:

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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:

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

## Mechanical Characteristics:

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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

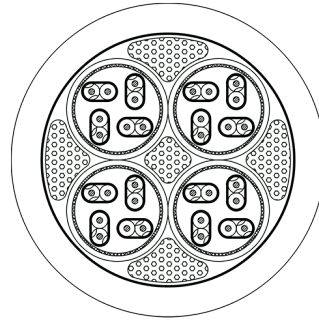
## Variants:

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

## Cross sections:

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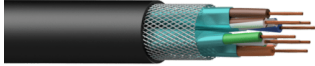


## Component details:

# 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	0.00020 "2
		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)