

## Highlights:

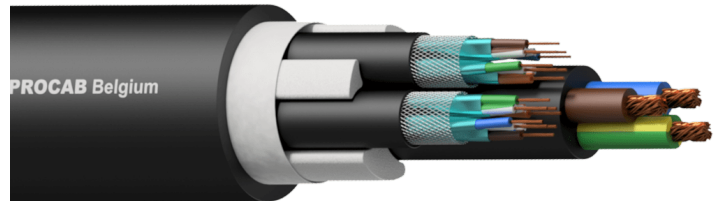
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- Made in EU
- All-in-one solution
- Custom installation
- Easy and fast installation
- Combine multiple cables cores in one single cable

## Product information:

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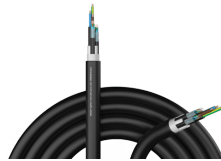
The PNC2527 is a hybrid power/network cable which consists of 3x 2,5mm<sup>2</sup> power section and 2 x CAT 7 LAN cable. As more and more equipment is network-based this cable is perfectly suited to provide the necessary power and redundant data to these devices. The power and 2x LAN cable each have 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
- CableType: HPC3G2.5 - 3G2.5 3 x 2.5 mm<sup>2</sup> PVC power cable



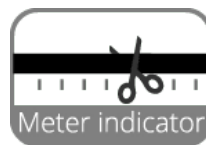
## Certification:

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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		2 x HCT70S
		1 x HPC3G2.5
Outer jacket	Material	Highflex PVC 20.9 mm (Ø)
	Colours	Black
Type of cable		2 x CAT7 S/FTP Networking & 3G2.5 Power 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	- 59 °F till + 158 °F
	Mobile installation	- 41 °F till + 167 °F
Bending radius	Fixed installation	8 x outer diameter
	Mobile installation	10 x outer diameter

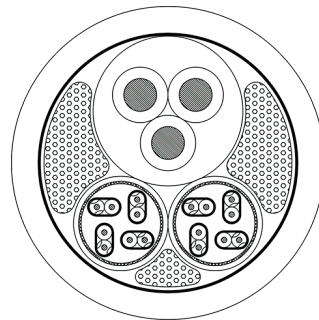
## Variants:

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- PNC2527/1 - 100 meter
- PNC2527/3 - 300 meter

## Cross sections:

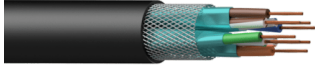
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# HCT70S

## 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)

# HPC3G2.5

## 3G2.5 3 x 2.5 mm<sup>2</sup> PVC power 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	Power	Material	BC 48 x 0.25 mm (Ø) (OFC)
		Section	0.0039 "²
		American Wire Gauge	16 AWG
		Number of conductors	3
		Insulation	Material PVC 3.7 mm (Ø)
		Colours	Blue / Brown / Yellow & Green
Outer jacket	Material		PVC 10 mm (Ø)
	Colours		Black

### Electrical Characteristics:

Max. conductor	DC resistance	7.98 (Ω / Km)
Resistance	Insulation	> 200 M Ω / km
Rated voltage		U <sub>0</sub> /U 300/500 V
Dielectric strength		2.5 (kV / 1 min. DC)