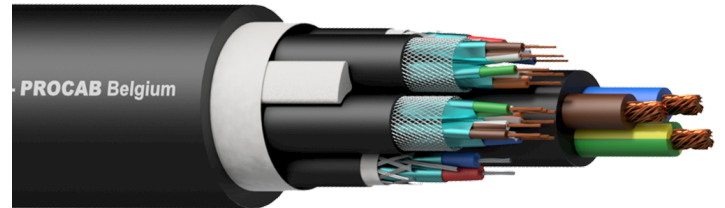


The PHC2522 is a hybrid power / signal / network cable which consists of 3 x 2,5mm<sup>2</sup> power section, 2 x signal and 2 x CAT 7 LAN cable. This is the most flexible cable in terms of connectivity as the 2 signal and the 2 LAN cables can be used for the most different cases, while the 3 x 2.5mm<sup>2</sup> cables provides power to all equipment. All sections have a separate jacket which makes it easy to split out the cables at the end.



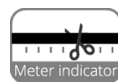
#### Certification:

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#### Properties:

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#### Usage:

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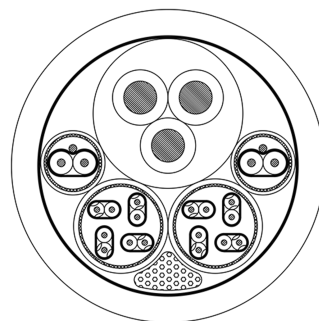
## Physical Characteristics:

Inner conductor	Power	Insulation	Material	PVC 3.7 mm (Ø)
			Colours	Blue / Brown / Yellow & Green
Inner jacket	Material			PVC 10 mm (Ø)
Inner conductor	Data	Insulation	Material	FPE 1.55 mm (Ø)
			Colours	Green / White & Green ; Blue / White & Blue ; Orange / White & Orange ; Brown / White & Brown
Inner jacket	Material			PVC 6.3 mm (Ø)
Inner conductor	Audio	Shielding	Drain wire	TC 7 x 0.2 mm (Ø) (OFC)
		Insulation	Material	FPE 1.55 mm (Ø)
			Colours	Red / Blue
Inner jacket	Material			PVC 5 mm (Ø)
Outer jacket	Material			PVC 20.9 mm (Ø)
	Colours			Black
Inner conductor	Power	Material		BC 48 x 0.25 mm (Ø) (OFC)
	Data	Material		BC 1 x 0.13 mm (Ø) (OFC)
	Power	Section		2.5 mm <sup>2</sup>
	Data	Section		0.13 mm <sup>2</sup>
	Audio	Material		TC 7 x 0.2 mm (Ø) (OFC)
	Power	American Wire Gauge		13 AWG
	Data	American Wire Gauge		26 AWG
	Audio	Section		0.22 mm <sup>2</sup>
	Power	Number of conductors		3
	Data	Number of conductors		8 (4 pairs)
	Audio	American Wire Gauge		24 AWG
		Number of conductors		2

## Electrical Characteristics:

Max. operation voltage	Power	500 V
Max. conductor	DC resistance	7.98 (Ω / Km)
		148 (Ω / Km)
		85 (Ω / Km)
Characteristic impedance		110 Ω ± Ω

## Cross sections:



## Variants:

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- PHC2522/1 - 100 meter
- PHC2522/3 - 300 meter