

POWERLINE

 LINEAR POWER DISTRIBUTION SYSTEM

Powerline is a 16A power distribution system comprising of 25, 50 and 100 metre lengths of 2.5mm² or 4mm² 3 core flexible cable with a moulded-on, one metre long "T" drop every 5 or 10 metres. Fitted to the end of each drop is a 16A 2P+E coupler socket, for users to plug-in lights, power tools, etc. As standard, 50M and 100M lengths of Powerline have "free" ends and can be fitted with a 16A plug or hard wired into a 16A MCB (Powerline must not be supplied from a 32A plug or 32A MCB). 25M lengths are supplied with a 16A plug and coupler already fitted.

Powerline has been specifically developed for arduous site applications. Within the moulded "T" section, the connection of the "drop" to the main feeder cable is achieved without severing the cores of the feeder cable, which retains the inherent strength of the cable. The spliced joint is protected by the heavy duty over-moulding, making it virtually impossible for the sheath of the cable to be pulled away from the inner cores, even when subject to extreme force. This degree of integrity is not consistently achievable with conventional, glanded connections, where the outer sheath can be pulled through glands.

To avoid overloading Powerline and to check the volts drop at each outlet, please refer to the Powerline worksheet of the Blakley Calculator, which can be found in the Products section of our website: www.blakley.co.uk

Part numbers for standard 110V Powerline

Item No.	Description
S170173	25M 2.5mm ² 3C cable c/w a 16A "T" drop every 5M (4 drops) and a 16A plug and coupler fitted to either end
S170164	50M 2.5mm ² 3C cable c/w a 16A "T" drop every 10M (5 drops)
S170135	100M 2.5mm ² 3C cable c/w a 16A "T" drop every 10M (10 drops)
S170172	50M 2.5mm ² 3C cable c/w a 16A "T" drop every 5M (10 drops)
S170136	100M 2.5mm ² 3C cable c/w a 16A "T" drop every 5M (20 drops)
S170140	100M 4mm ² 3C cable c/w a 16A "T" drop every 10M (10 drops)
S170141	100M 4mm ² 3C cable c/w a 16A "T" drop every 5M (20 drops)



Powerline is available for 230 volt applications, utilising HO7-RNF or PVC Arctic cables. For tunnelling and other enclosed installations, Powerline is available made from Low Smoke Zero Halogen cable.

THE POWER PROFESSIONALS

HIGHER POWER **TRANS POWER** **SAFE POWER** **TEM POWER** **PRO POWER** **GREEN POWER**

• **SOUTH** 1 Thomas Road, Optima Park, Crayford, Kent DA1 4GA Tel: 0845 074 0084 Fax: 0845 074 0085

• **NORTH** Unit 55, Monckton Road Ind Estate, Wakefield WF2 7AL Tel: 0845 074 0086 Fax: 0845 074 0087

www.blakley.co.uk • sales@blakley.co.uk

THE COMPANY RESERVES THE RIGHT TO CHANGE PRODUCTS WITHOUT PRIOR NOTICE.



Cert. No. 902091

HPDS4 - 08/09