

POLETECH

POLEPLUG BREAK-AWAY PLUG & CABLE SYSTEM

The 5 & 6 pin Break-Away **PolePlugs** come with 2.5mm² cable and cores are sequentially numbered and repeated throughout the cable length.

16 and 20 pin **PolePlugs** are supplied with 1.5mm² cable and cores are sequentially numbered.

PolePlugs can be supplied with various lengths of cable from 2 to 8 metres long as standard for both the female socket and male plug.

PolePlugs can also be over-moulded onto larger cable sizes up to 6mm² and longer upon request.

The 3 & 5 Pin **PolePlug** can be supplied with EPR insulated cable with galvanised steel wire braided (SWB) protected cable cores. Recommended for high energy passive poles.

PolePlug female sockets are supplied with a safety end cap for blanking off the socket when the male plug is disconnected to prevent dirt and water ingress. Each **PolePlug** assembly is supplied complete with 2 No. cable cleats to secure the cable on both sides of the **PolePlug** to ensure that the Break-Away **PolePlug** is anchored at ground level.

The photo below shows a PolePlug disconnected following an impact. The **PolePlug** has performed in textbook manner - instantly disconnecting the power preventing electricution and fire hazards.

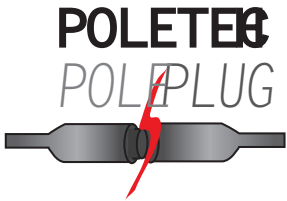


EXAMPLE



POLETECH

POLEPLUG BREAK-AWAY PLUG & CABLE SYSTEM



**PASSIVE
SAFETY
SAVES LIVES**

MAKE IT PASSIVELY SAFE
WITH THE POLEPLUG BREAK-
AWAY PLUG & CABLE SYSTEM:

- ✓ IP68 RATED
- ✓ HA APPROVED
- ✓ CONFORMS TO
TA 89/05

THE PRODUCT



POLETECH

POLEPLUG BREAK-AWAY PLUG & CABLE SYSTEM



THE PRODUCT



The safest and easiest-to-maintain wiring system for **Passively Safe** poles.

The Poletech **PolePlug** is the Highways Agency approved system for passively safe poles requiring emergency disconnection of the power supply cables. Should the sign post or lighting column shear on impact, the pole is not tethered in any way by the supply cables.

With a design life of twenty years the Break-Away **PolePlug** is safe, reliable and waterproof to IP68, meeting all of the design requirements of the Highways Agency, technical advice note: TA89/05.

All Poletech **PolePlug** connectors have undergone rigorous testing and comply with the requirements of BSEN 60309-1, IEC 60309-1 and BSEN 60309-2 IEC 60309-2. **PolePlugs** are designed to have protection against foreign objects and water and conform to the requirements of IP68 to BSEN 60529.

INFO

POLETECH

POLEPLUG BREAK-AWAY PLUG & CABLE SYSTEM

Break-Away **PolePlugs** are available in 3,5,6,16 & 20 Pin and all plugs and sockets are 20 Amp rated. The 3 & 5 pin **PolePlug** are over moulded onto 2.5mm² cable and cores are European colour coded supplied as standard.

↑ SPECIFICATION



- ✓ IP68 Tested
- ✓ Eliminates risk liability due to preventable fire or electrocution.
- ✓ Eliminates possibility of fire after accident due to sparking wires
- ✓ Eliminates possibility of electrocution to accident victims, rescue personnel and pedestrians
- ✓ Eliminates damaged splices in adjoining poles
- ✓ Eliminates delayed rescue efforts attributed to exposed wire
- ✓ Eliminates repeated splicing and wire damage after knockdown
- ✓ Allows other lighting columns on the circuit to continue illumination
- ✓ Meets the Break-Away wiring requirements of the Highways Agency
- ✓ System maintenance quick and simple
- ✓ **PolePlug** allows proper pole trajectory during knockdown

↑ BENEFITS