

SPECIALTY

POWERGUARD® PLUS 3-WAY



- Available in a 3-way configuration of 27mm (1") SCH 40 HDPE conduit bundled with a polyethylene overseath
- Red conduit: Power, Orange conduit: All-Dielectric Fibre Optic Cable, Red with Black Stripe conduit: Power. The center conduit (orange) provides the required 27 mm (1") separation between the two Power conduits.
- Manufactured from flexible CSA listed and standard HDPE resin, makes gradual bends without special equipment or added accessories
- Internal longitudinal ribbing reduces friction during cable placement
- SuperSilicore® inner wall eliminates the need for wet lubricants during cable pulling
- Excellent low temperature properties allow installation in cold climates
- Outstanding long term cable protection from shifting ground, rock, and root impingement
- Multiple pathways for electrical and fibre for one installation cost, allows flexibility and future growth
- Greatly reduces the number of coupled joints in a continuous installation, reducing the possibility of infiltration of native soil, backfill and water
- Available with pre-installed pull tape from 500lb to 6000lb tensile strength
- Available with pre-installed 20 awg insulated tracer wire

INSTALLATION TYPES

Plow
Open Trench
Directional Bore

STANDARD COLOURS

Oversheath



Conduit



FEATURES

STANDARD
METER MARKINGS Sequential foot or meter markings. Custom print streams available.
SPECIFICATIONS PowerGuard® is registered to standard CSA C22.2 no.327-18 HDPE Conduit, UL 651a and called out in the Canadian Electrical Code
SILICORE is co-extruded with the tough HDPE jacket creating a super slick permanent lining. Silicore lined ducts allow for higher speed cable jetting and longer cable pulls.
OPTIONS
PREINSTALLED TAPE Factory pre-installed Bull-Line™ Pull Tape with EVEN-LOAD™, ensures extra slack at any access point throughout the reel. Available 500lb–6,000lb tensile strength or locatable.
CABLE-IN-CONDUIT (CIC) AVAILABLE CIC provides pre-installed cable in the factory and one-step simultaneous placement of the cable and duct in the field. The duct is extruded around the cable during manufacturing
POWERGUARD® PLUS comes in a standard configuration, but is available in different colours, external stripe colours and special markings.

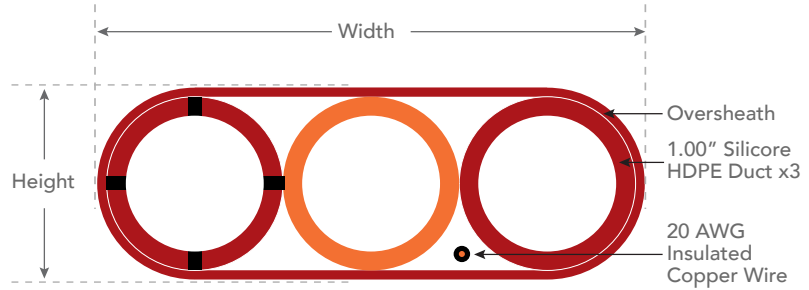
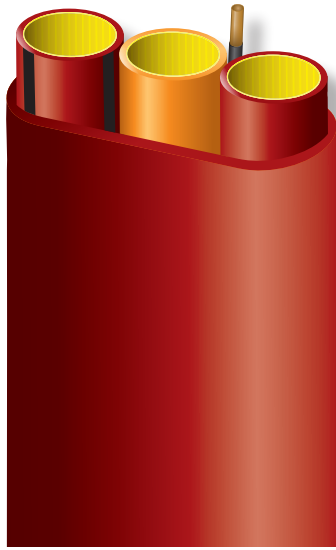


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POWERGUARD® PLUS 3-WAY TECHNICAL SPECIFICATIONS

SPECS FOR	WALL TYPE	WIDTH (MM/IN)	HEIGHT (MM/IN)	OVER SHEATH (MM/IN)	WEIGHT (LB/FT)	BEND RADIUS SUP* (MM/IN)	BEND RADIUS UNSUP* (MM/IN)	SWPSt (LB)
	SCH-40	103.8 / 4.09	37.0 / 1.46	1.78 / 0.070	0.876	1,549 / 61	2,591 / 102	4,785

*Unsupported Bend Radius guidelines should be followed during the installation process. The Supported Bend Radius are post-installation measurements.
 †Safe working pull strength is calculated at 80% of tensile or breaking strength

27MM (1.00") HDPE DUCT TECHNICAL SPECIFICATIONS

SPECS FOR	WALL TYPE	OD (MM/IN)	AVG ID (MM/IN)
	SCH-40	33.4 / 1.315	26.12 / 1.029



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