

Type 441.6 Mould-cured CPE Sheath • 6.6 kV

Conductors (3)

Flexible tinned copper

Earth Conductors (3)

Semiconductive elastomer covered flexible tinned copper

Insulation Screen

Semiconductive elastomer

Core Assembly Screen

Semiconductive elastomer

Sheath

Reinforced mould cured heavy duty thermosetting elastomer sheath

Cable identification via permanent marking

Central Pilot Core

EPR covered extensible tinned copper

Cradle Separator

Semiconductive elastomer

Insulation

Ethylene-propylene rubber (EPR) R-EP-90

Conductive Screen

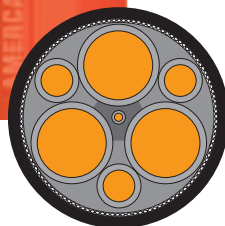
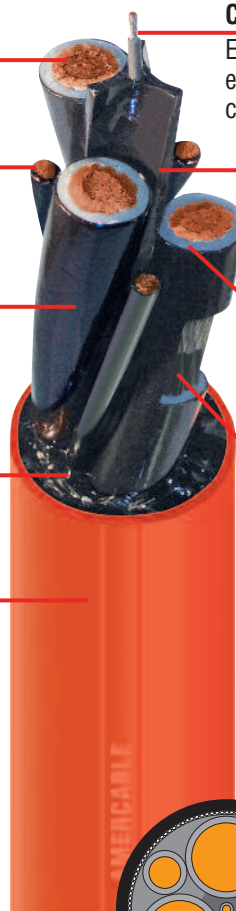
Semiconductive tape and extruded semiconductive layer

Standard cable sheath is black.

See pages 17-18 for other available colours and striping options.



All materials in AmerCable Australia's mining cables are lead free.



Summary

Multiple use cable with Class 1 insulation and sheath thicknesses. Cable can be used as a trailing cable for shovels, drills, and other reeling applications.

AmerCable Mining Cable meets or exceeds AS/NZS 2802 Standards.



Type 441.6 (6.6/6.6kV)

Part No. 35-014-	Power Conductor				Earth Conductor		Sheath Thickness Including Semi-Conductive Core Screen (mm)	Nominal Overall Diameter (mm)	Approx. Mass (kg/100m)
	Nominal Area (mm ²)	Strand Size (#/mm)	Insulation Thickness (mm)	Nominal Diameter Over Insulation (mm)	Strand Size (min#/mm)	Semi-Conductive Covering Thickness (mm)			
016	16	133/0.40	3.0	15.5	105/0.25	1.0	5.0	47.3	276
025	25	209/0.40	3.0	16.8	105/0.25	1.0	5.3	50.6	332
035	35	285/0.40	3.0	17.8	105/0.25	1.0	5.6	53.5	361
050	50	399/0.40	3.0	19.4	161/0.25	1.2	6.0	57.6	464
070	70	342/0.51	3.0	21.3	69/0.40	1.2	6.3	62.2	583
095	95	456/0.51	3.0	23.1	91/0.51	1.2	6.4	66.3	696
120	120	627/0.51	3.0	25.5	112/0.51	1.2	6.6	72.2	868
150	150	777/0.51	3.0	27.9	133/0.51	1.2	6.7	77.6	1021
185	185	925/0.51	3.0	29.6	175/0.51	1.4	6.8	81.4	1169
240	240	1221/0.51	3.0	32.0	196/0.51	1.4	7.0	87.0	1403
300	300	1480/0.51	3.0	35.1	252/0.51	1.4	7.1	93.4	1650