



Type 441 (class 2) 1.1/1.1KV

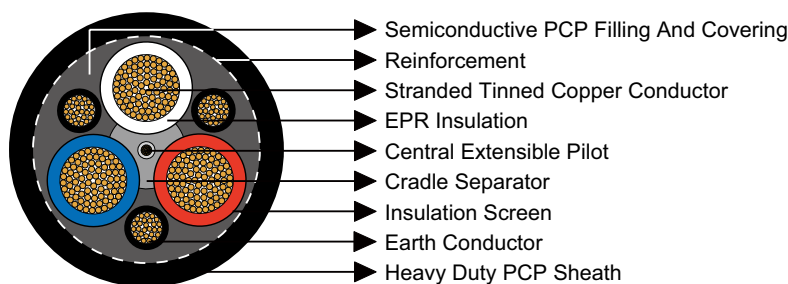
» Applications

These Class 2 cables are designed for many uses, suitable for trailing and also suitable for reeling applications, have one central pilot and a semiconductive cradle supporting and protecting the power cores, which makes these cables less likely to be damaged from crushing and squashing.

» Standards

- AS/NZS 2802:2000
- AS/NZS 1125
- AS/NZS 3808
- AS/NZS 5000.1

» Construction



3×Conductors: Flexible stranded tinned annealed copper conductor.

Insulation: EPR.

Insulation Screen: Semiconductive elastomer.

Cradle Separator: Semiconductive PCP.

Overall Core Screen: Semiconductive PCP filling and covering.

3×Interstitial Earth Conductor: Semiconductive PCP covered flexible stranded tinned copper conductor.

1×Central Extensible Pilot: EPR covered flexible stranded tinned copper conductor.

Textile Reinforcement: Open-weave braid reinforcement.

Sheath: Heavy duty PCP sheath. Heavy duty CPE/CSP sheath can be offered upon request.



» Dimensions and Weight

Nominal Conductor Area	Strand Size	Insulation Thickness	Earth Conductor		Pilot Conductor		Thickness of Sheath	Nominal Overall Diameter	Nominal Weight
			Strand Size	Thickness of Covering	Strand Size	Thickness of Covering			
mm ²	No/mm	mm	No/mm	mm	No/mm	mm	mm	mm	kg/100m
Type 441.1 Class2									
6	84/0.30	1.5	33/0.30	0.8	24/0.20	0.8	3.8	28.5	111
10	77/0.40	1.5	51/0.30	0.8	24/0.20	0.8	3.8	31.1	136
16	126/0.40	1.6	81/0.30	1.0	24/0.20	0.8	3.9	34.1	176
25	209/0.40	1.6	81/0.30	1.0	24/0.20	0.8	4.2	37.9	231
35	285/0.40	1.6	81/0.30	1.0	24/0.20	0.8	4.4	41.2	274
50	380/0.40	1.7	120/0.30	1.0	40/0.20	0.8	4.9	45.9	349
70	203/0.67	1.8	39/0.67	1.0	40/0.20	0.8	5.3	52.2	481
95	259/0.67	2.0	48/0.67	1.0	40/0.20	0.8	5.8	56.7	579
120	336/0.67	2.1	60/0.67	1.0	40/0.20	0.8	6.3	62.7	724
150	427/0.67	2.3	77/0.67	1.2	40/0.20	0.8	6.7	68.3	881
185	518/0.67	2.5	91/0.67	1.2	40/0.20	0.8	7.3	74.9	1049
240	672/0.67	2.8	119/0.67	1.2	40/0.20	0.8	8.0	83.3	1329
300	854/0.67	3.0	156/0.67	1.4	40/0.20	0.8	8.7	91.2	1629