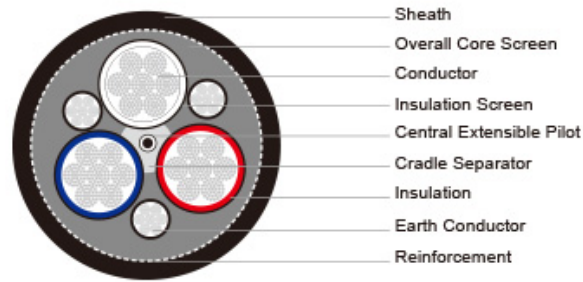


Type 441 (class 2) 1.1/1.1KV



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	24/0.2 0	0.8	3.8	28.5	111
10	77/0.40	1.5	51/0.30	0.8	24/0.2 0	0.8	3.8	31.1	136
16	126/0.4 0	1.6	81/0.30	1.0	24/0.2 0	0.8	3.9	34.1	176
25	209/0.4 0	1.6	81/0.30	1.0	24/0.2 0	0.8	4.2	37.9	231
35	285/0.4 0	1.6	81/0.30	1.0	24/0.2 0	0.8	4.4	41.2	274
50	380/0.4 0	1.7	120/0.3 0	1.0	40/0.2 0	0.8	4.9	45.9	349
70	203/0.6 7	1.8	39/0.67	1.0	40/0.2 0	0.8	5.3	52.2	481
95	259/0.6 7	2.0	48/0.67	1.0	40/0.2 0	0.8	5.8	56.7	579
120	336/0.6 7	2.1	60/0.67	1.0	40/0.2 0	0.8	6.3	62.7	724
150	427/0.6 7	2.3	77/0.67	1.2	40/0.2 0	0.8	6.7	68.3	881
185	518/0.6 7	2.5	91/0.67	1.2	40/0.2 0	0.8	7.3	74.9	1049
240	672/0.6 7	2.8	119/0.6 7	1.2	40/0.2 0	0.8	8.0	83.3	1329
300	854/0.6 7	3.0	156/0.6 7	1.4	40/0.2 0	0.8	8.7	91.2	1629