Type 412 1.1/1.1KV

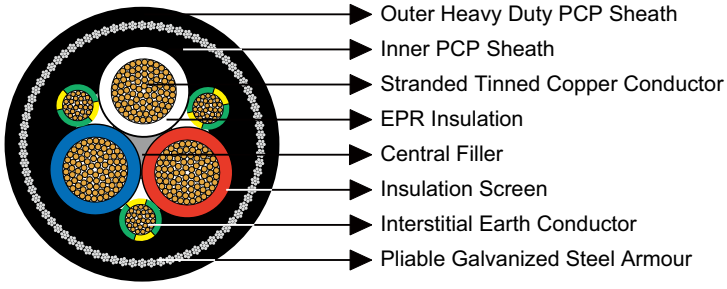
» Applications

These cables with green/yellow earths and pliable armour for mechanical protection may be used in applications where damage is likely and armour can reduce cases of costly downtime, suitable installed as feeder cables in sand mining operations.

» 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.

Filler: Elastomer centre filler.

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

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

Pliable Armour: Galvanized low carbon (mild) steel strands.

Outer 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		Pliable Armour Size	Thickness of Sheath		Nominal Overall Diameter	Nominal Weight
			Strand Size	Thickness of Covering		Inner	Outer		
mm^2	No/mm	mm	No/mm	mm	No/mm	mm	mm	mm	kg/100m
Type 412.1 Class2									
16	126/0.40	1.6	81/0.30	0.6	7/0.90	2.5	3.8	38.3	265
25	209/0.40	1.6	81/0.30	0.6	7/0.90	2.5	3.8	38.4	294
35	285/0.40	1.6	81/0.30	0.6	7/0.90	2.5	4.0	44.6	402
50	380/0.40	1.7	120/0.30	0.8	7/0.90	2.5	4.4	49.2	500
70	203/0.67	1.8	39/0.67	0.8	7/0.90	2.5	4.8	55.4	655
95	259/0.67	2.0	48/0.67	0.8	7/0.90	2.5	5.4	60.1	775
120	336/0.67	2.1	60/0.67	1.0	7/0.90	3.5	5.8	68.1	990
150	427/0.67	2.3	77/0.67	1.0	7/0.90	3.5	6.3	73.8	1186
185	518/0.67	2.5	91/0.67	1.0	7/0.90	3.5	6.8	80.2	1360
240	672/0.67	2.8	119/0.67	1.2	7/0.90	3.5	7.5	88.7	1670
300	854/0.67	3.0	156/0.67	1.2	7/1.25	4.5	8.2	100.9	2200