

Buflex® X'Prem Reeling Cable



Wire & Cable Specification

Construction	
Voltage	0.6/1 kV
Conductor	Copper
Insulation	XLPE
Sheath	Double layer anti-twisting reinforced polyurethane

Application

Buflex X'Prem cables with polyurethane sheath are specially designed for reeling applications, with high mechanical stresses and severe environmental conditions such as torsion, tension, torque and abrasion. Reeling speed up to 150m/min.

Item Codes

Control

Material No.	Cores x Area mm ²	Outer Diameter mm		Max Tensile Load (N)	Approx Mass kg/m
		Min	Max		
Conductor Size 1.5 mm²					
BXP7 x 1.5	7 x 1.5	11.5	13.0	260	0.21
BXP12 x 1.5	12 x 1.5	16.0	17.5	450	0.33
BXP18 x 1.5	18 x 1.5	16.0	17.5	670	0.41
BXP24 x 1.5	24 x 1.5	19.0	21.5	900	0.68
BXP36 x 1.5	36 x 1.5	22.0	24.0	1350	0.90
Conductor Size 2.5 mm²					
BXP7 x 2.5	7 x 2.5	12.5	14.0	430	0.30
BXP12 x 2.5	12 x 2.5	18.5	20.5	750	0.61
BXP18 x 2.5	18 x 2.5	18.5	20.5	1120	0.74
BXP24 x 2.5	24 x 2.5	22.5	24.5	1500	1.05
BXP36 x 2.5	36 x 2.5	25.0	28.0	2250	1.43
BXP42 x 2.5	42 x 2.5	27.0	29.5	2620	1.50

Core Colours

No. Cores	Colour
7 & above	WH with black numbering

continued

Head Office Paraitē Road Bell Block New Plymouth New Zealand
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Item Codes

Power

Material No.	Cores x Area mm ²	Outer Diameter mm		Max Tensile Load (N)	Approx Mass kg/m
		Min	Max		
Three Core Plus Earth					
BXP4G2.5	3 x 2.5 + E	10.0	11.5	250	0.18
BXP4G4	3 x 4 + E	11.5	13.0	400	0.26
BXP4G6	3 x 6 + E	13.0	14.5	600	0.37
BXP4G10	3 x 10 + E	15.5	17.0	1000	0.58
BXP4G16	3 x 16 + E	19.5	21.5	1600	0.92
BXP3 x 25.3G6	3 x 25 + 6 SE †	23.5	25.5	1960	1.24
BXP3 x 35.3G6	3 x 35 + 6 SE †	27.0	29.5	2650	1.64
BXP3 x 50.3G10	3 x 50 + 10 SE †	30.0	32.5	3750	2.24
BXP3 x 70.3G16 (Old Code 9376)	3 x 70 + 16 SE †	35.0	37.5	5250	3.10
BXP3 x 95.3G16	3 x 95 + 16 SE †	39.0	42.0	7150	3.89
BXP3 x 120.3G25	3 x 120 + 25 SE †	44.0	47.0	9000	5.08
BXP3 x 150.3G25	3 x 150 + 25 SE †	49.0	52.5	11250	6.16
BXP3 x 185.3G35	3 x 185 + 35 SE †	54.5	58.5	13800	7.68
BXP3 x 240.3G50	3 x 240 + 50 SE †	60.5	64.5	18000	9.87
BXP3 x 300.3G50	3 x 300 + 50 SE †	68.5	72.5	22500	12.30
Four Core Plus Earth					
BXP5G2.5	4 x 2.5 + E	11.0	12.5	310	0.22
BXP5G4	4 x 4 + E	13.0	14.5	500	0.32
BXP5G6	4 x 6 + E	15.0	16.5	750	0.45
BXP5G10	4 x 10 + E	18.0	20.0	1250	0.70
BXP5G16	4 x 16 + E	22.0	24.0	2000	1.10
BXP5G25	4 x 25 + E	27.0	29.5	3100	1.55
BXP5G35	4 x 35 + E	31.0	33.5	4350	2.05

Core Colours

No. Cores	Colour
4	BN, BK, GY, GNYE
5	BN, BK, GY, BU, GNYE

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