

## 7846-2C-FR

No. of Cores & Nominal Size	Min. Insulation Thickness	Armour Wire Diameter	Nominal Overall Diameter	Max. Conductor DC Resistance at 20°C	Approx. Weight
( mm <sup>2</sup> )	( mm )	( mm )	( mm )	( Ω / km )	( kg / km )
2 x 1.5	0.7	0.9	14.8	12.1000	420
2 x 2.5	0.7	0.9	16.0	7.4100	500
2 x 4	0.7	0.9	17.3	4.6100	580
2 x 6	0.7	0.9	18.4	3.0800	660
2 x 10	0.7	0.9	20.5	1.8300	830
2 x 16	0.7	1.3	22.0	1.1500	1000
2 x 25	0.9	1.3	23.5	0.7270	1100
2 x 35	0.9	1.6	26.0	0.5240	1550
2 x 50	1.0	1.6	30.0	0.3870	1850
2 x 70	1.1	1.6	34.0	0.2680	2450
2 x 95	1.1	2.0	38.0	0.1930	3350
2 x 120	1.2	2.0	41.5	0.1530	3900
2 x 150	1.4	2.0	45.4	0.1240	4650
2 x 185	1.6	2.5	51.0	0.0991	5950
2 x 240	1.7	2.5	56.0	0.0754	7350

## 7846-3C-FR

No. of Cores & Nominal Size	Min. Insulation Thickness	Armour Wire Diameter	Nominal Overall Diameter	Max. Conductor DC Resistance at 20°C	Approx. Weight
( mm <sup>2</sup> )	( mm )	( mm )	( mm )	( Ω / km )	( kg / km )
3 x 1.5	0.7	0.9	15.5	12.1000	426
3 x 2.5	0.7	0.9	16.8	7.4100	540
3 x 4	0.7	0.9	18.0	4.6100	640
3 x 6	0.7	1.3	19.3	3.0800	740
3 x 10	0.7	1.3	22.2	1.8300	1080
3 x 16	0.7	1.3	22.9	1.1500	1310
3 x 25	0.9	1.6	27.2	0.7270	1800
3 x 35	0.9	1.6	29.7	0.5240	2200
3 x 50	1.0	1.6	30.2	0.3870	2450
3 x 70	1.1	2.0	33.9	0.2680	3200
3 x 95	1.1	2.0	38.7	0.1930	4450
3 x 120	1.2	2.0	42.1	0.1530	5300
3 x 150	1.4	2.5	47.2	0.1240	6700
3 x 185	1.6	2.5	51.5	0.0991	8050
3 x 240	1.7	2.5	56.8	0.0754	9950
3 x 300	1.8	2.5	61.9	0.0601	12050
3 x 400	2.0	2.5	68.3	0.0470	14800