

Flexible Rubber Cable



Construction

1-core: The copper conductor is insulated with natural rubber and sheathed with natural rubber or chloroprene rubber

multi-core: The copper conductor is insulated with natural rubber. Two to six insulated conductors are cabled together with extruded rubber filler, and sheathed with natural rubber or chloroprene rubber.



Application: This product is suitable for power supply to power appliances, home appliances and movable field electric equipment at U_0/U 450/750V or less.



Operating Temperature: Max permissible continuous operating temperature of conductor shall not exceed 65°C.



Bending Radius: 5D, D = Actual outer diameter of cable (mm)



Standard : IEC 60245, GB/T 5013 or other standards required by customers.



Packing: Steel/wooden reel, wooden reel or steel reel.



Type, Description and Application Range

Type	Description	Application Range
YQ	Natural rubber insulated and natural rubber sheathed light duty flexible cable	For light movable electric appliances and tools. Type W is suitable for outdoor condition or place where oil exists.
YQW	Natural rubber insulated and chloroprene rubber sheathed light duty flexible cable	
YZ	Natural rubber insulated and natural rubber sheathed medium duty flexible cable	For movable electric appliances and tools. Type W is suitable for outdoor condition or place where oil exists.
YZW	Natural rubber insulated and chloroprene rubber sheathed medium duty flexible cable	
YC	Natural rubber insulated and natural rubber sheathed heavy duty flexible cable	For movable electric appliances, able to bear larger mechanical force. Type W is suitable for outdoor condition or place where oil exists.
YCW	Natural rubber insulated and chloroprene rubber sheathed heavy duty flexible cable	

Supply Range

Type	Rated Voltage V	No of Cores	Nominal Area of Conductor sq. mm
YQ、YQW	300/300	2, 3	0.3 to 0.5
YZ、YZW	300/300	2, 3, 4, 5, 6	0.75 to 6
YC、YCW	450/750	1, 3, 4	1.5 to 150
		2	1.5 to 95
		5	1.5 to 25

* Flexible rubber cable (Type YZ, YZW, YC and YCW) with 3+1 cores are also in our supply range.

NR Insulated and NR or PCP Sheathed Light-duty Flexible Cable

Type YQ, Type YQW

No of Cores × Nominal Area of Conductor	Stranding No/Dia	Average Overall Dia.		No of Cores × Nominal Area of Conductor	Stranding No/Dia	Average Overall Dia.	
		Min	Max			Min	Max
No×sq. mm	No./mm	mm	mm	No×sq. mm	No./mm	mm	mm
2×0.3	16/0.15	4.3	5.8	3×0.3	16/0.15	4.6	6.1
2×0.5	28/0.15	4.8	6.4	3×0.5	28/0.15	5.1	6.7

NR Insulated and NR or PCP Sheathed Medium-duty Flexible Cable**Type YZ (245 IEC 53), Type YZW (245 IEC 57)**

No of Cores × Nominal Area of Conductor	Stranding No/Dia	Average Overall Dia.		No of Cores × Nominal Area of Conductor	Stranding No/Dia	Average Overall Dia.	
		Min	Max			Min	Max
No×sq. mm	No./mm	mm	mm	No×sq. mm	No./mm	mm	mm
2×0.75	24/0.20	6.0	8.2	4×2.5	49/0.25	11.0	14.0
2×1.0	32/0.20	6.6	8.8	4×4.0	77/0.26	12.7	16.2
2×1.5	30/0.25	8.0	10.5	4×6.0	84/0.30	14.0	17.9
2×2.5	49/0.25	9.5	12.5	5×0.75	24/0.20	8.0	11.0
2×4.0	77/0.26	10.6	13.7	5×1.0	32/0.20	8.5	11.5
2×6.0	84/0.30	11.8	15.1	5×1.5	30/0.25	10.5	13.5
3×0.75	24/0.20	6.5	8.8	5×2.5	49/0.25	12.5	15.5
3×1.0	32/0.20	7.0	9.2	5×4.0	77/0.26	14.1	17.9
3×1.5	30/0.25	8.6	11.0	5×6.0	84/0.30	15.7	20.0
3×2.5	49/0.25	10.0	13.0	6×0.75	24/0.20	8.2	10.7
3×4.0	77/0.26	11.3	14.5	6×1.0	32/0.20	8.7	11.5
3×6.0	84/0.30	12.6	16.1	6×1.5	30/0.25	10.9	14.0
4×0.75	24/0.20	7.1	9.6	6×2.5	49/0.25	13.2	16.9
4×1.0	32/0.20	7.6	10.0	6×4.0	77/0.26	15.5	19.8
4×1.5	30/0.25	9.6	12.5	6×6.0	84/0.30	17.4	22.1

NR Insulated and NR or PCP Sheathed Heavy-duty Flexible Cable

Type YC, Type YCW (245 IEC 66)

No of Cores × Nominal Area of Conductor	Stranding No/Dia	Average Overall Dia.		No of Cores × Nominal Area of Conductor	Stranding No/Dia	Average Overall Dia.	
		Min	Max			Min	Max
No× sq.mm	No./mm	mm	mm	No× sq.mm	No./mm	mm	mm
1×1.5	30/0.25	5.6	7.2	3×16	126/0.40	22.5	29.5
1×2.5	49/0.25	6.4	8.0	3×25	196/0.40	26.5	34.0
1×4.0	77/0.26	7.2	9.0	3×35	276/0.40	29.5	38.0
1×6.0	84/0.30	8.0	11.0	3×50	396/0.40	31.5	43.5
1×10	84/0.40	9.8	13.0	3×70	360/0.50	38.5	49.5
1×16	126/0.40	11.0	14.5	3×95	475/0.50	44.0	54.0
1×25	196/0.40	12.5	16.5	3×120	608/0.50	48.0	59.0
1×35	276/0.40	14.0	18.5	3×150	756/0.50	53.0	66.5
1×50	396/0.40	16.5	21.0	4×1.5	30/0.25	10.5	13.5
1×70	360/0.50	18.5	24.0	4×2.5	49/0.25	12.5	15.5
1×95	475/0.50	21.0	26.0	4×4.0	77/0.26	14.5	18.0
1×120	608/0.50	23.0	28.5	4×6.0	84/0.30	16.5	22.0
1×150	756/0.50	25.0	32.0	4×10	84/0.40	21.5	28.0
2×1.5	30/0.25	9.0	11.5	4×16	126/0.40	24.5	32.0
2×2.5	49/0.25	10.5	13.5	4×25	196/0.40	29.5	37.5
2×4.0	77/0.26	12.0	15.0	4×35	276/0.40	33.0	42.0
2×6.0	84/0.30	13.5	16.5	4×50	396/0.40	38.0	48.5
2×10	84/0.40	18.5	24.0	4×70	360/0.50	43.0	55.0
2×16	126/0.40	21.0	27.5	4×95	475/0.50	49.0	60.5
2×25	196/0.40	24.5	31.5	4×120	608/0.50	53.0	65.5
2×35	276/0.40	27.5	33.5	4×150	756/0.50	59.0	74.0
2×50	396/0.40	32.0	41.0	5×1.5	30/0.25	11.5	15.0
2×70	360/0.50	36.0	46.0	5×2.5	49/0.25	13.5	17.0
2×95	475/0.50	40.5	50.5	5×4.0	77/0.26	16.0	19.3
3×1.5	30/0.25	9.6	12.5	5×6.0	84/0.30	18.0	24.5
3×2.5	49/0.25	11.5	14.5	5×10	84/0.40	24.0	31.0
3×4.0	77/0.26	13.0	16.6	5×16	126/0.40	27.0	35.5
3×6.0	84/0.30	14.5	20.0	5×25	196/0.40	32.5	41.5
3×10	84/0.40	20.0	25.5	---	---	---	---