



18 & 16 AWG 300V UL FPLR CL2R CMR

18 AWG	Part No.	Conductor Count	Shielding	Insulation Thickness		Cable O.D.		Cable Weight		Max Pulling Tension		Min Bend Radius	
				in	mm	in	mm	lbs/Mft	kg/km	lbs	kg	in	mm
	2981851BRFPLR	2	no	0.010	0.25	0.161	4.1	17	25	26	12	1.0	27
	2981804BRFPLR	4	no	0.010	0.25	0.183	4.6	30	45	52	24	1.2	30
	2981806BRFPLR	6	no	0.010	0.25	0.209	5.3	42	62	78	35	1.4	35
	2981808BRFPLR	8	no	0.010	0.25	0.226	5.7	52	78	104	47	1.5	37
	2981810BRFPLR	10	no	0.010	0.25	0.273	6.9	73	108	130	59	1.8	45
	2981812BRFPLR	12	no	0.010	0.25	0.282	7.2	133	198	156	71	1.8	47
	2961802BRFPLR	2	yes	0.010	0.25	0.153	3.9	20	30	26	12	1.0	25
	2961804BRFPLR	4	yes	0.010	0.25	0.183	4.6	32	47	52	24	1.2	30

16 AWG	Part No.	Conductor Count	Shielding	Insulation Thickness		Cable O.D.		Cable Weight		Max Pulling Tension		Min Bend Radius	
				in	mm	in	mm	lbs/Mft	kg/km	lbs	kg	in	mm
	2981651BRFPLR	2	no	0.010	0.25	0.149	3.8	23	34	41	19	1.0	25
	2981604BRFPLR	4	no	0.010	0.25	0.208	5.3	44	65	83	37	1.4	34
	2961602BRFPLR	2	yes	0.010	0.25	0.163	4.1	26	39	41	19	1.1	27
	2961604BRFPLR	4	yes	0.010	0.25	0.211	5.4	46	69	83	37	1.4	35

Dimensions and weights are nominal and subject to change without notice.

Specifications and Compliances

- UL 13, Power Limited Circuit Cables
- UL 1424, Cables for Power-Limited Fire-Alarm Circuits
- UL 1666, Vertical Riser
- UL 444, Communication Cables (Type CMR)

Conductor Solid Soft Copper, ASTM B3
Insulation Polyvinyl Chloride (PVC) 60°C, 300V
Shielding Overall Shield with Tinned Copper Drain Wire
Jacket Flame Retardant Polyvinyl Chloride (PVC), Red

Applications

- For Class 2 circuits and Power Limited Fire Alarm applications as described in the NEC Articles 725, 760 and 800.
- For use in fire alarm, signal, voice communication, instrumentation and control circuits indoors.
- For use indoors in raceways; dry or damp locations, exposed and concealed wiring.

