ROUNDFLAT UNSHIELDED



-20°C to +80°C, 30V

Construction
Conductor: Tinned Copper
Core Insulation: Extruded flat ribbon core · PVC
Cabling: Parallel · 1.27 mm pitch flat ribbon core wrapped under common round jacket
Core Identification: Grey PVC ribbon with Red polarity stripe on Core 1
Jacket: Extruded round jacket · PVC

Thermal Characteristics
Operating Temperature: -20°C to +80°C

Electrical Characteristics
Operating Voltage: 30V
Test Voltage: 2000V

Application
Industrial Controls: Compact, high-density wiring in confined industrial spaces.
Instrumentation & Test Equipment: Low-profile round jacket with ordered flat core for equipment interconnect.

General Characteristics
Round-to-Flat Termination: Round outer jacket for clean strain relief and routing, with internal flat ribbon core for rapid mass IDC termination.
Flexible Multi-Core Routing: Combines the omnidirectional flexibility of a round cable with the organized conductor pitch of flat ribbon cable.
Color-Coded Identification: Ordered flat ribbon core simplifies pin-1 orientation and multi-pin connector assembly.

Standards & Approvals
UL 758: UL 758 Appliance Wiring Material, Style 20276 (80 °C, 30 V).
CSA C22.2 No. 210: cUL AWM I/II A, 80 °C, 30 V, FT1.

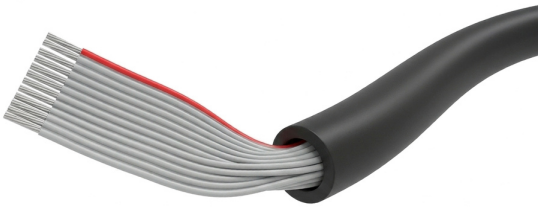
Fire Performance
Fire Retardant: VW-1 / FT1

CASMO Part No.	Total Cores	Conductor			Nom. Inner Ribbon Width (mm)	Nom. O.D. (mm)	Nom. Conductor Pitch (mm)	O.D. Tolerance ± (mm)
		Conductor Size (AWG)	No. Of Strands	Nom. Strand Dia. (mm)				
1271019F28	9	28	7	0.127	10.2	6.6	1.27	0.76
12710110F28	10	28	7	0.127	11.4	6.6	1.27	0.76
12710114F28	14	28	7	0.127	16.5	6.9	1.27	0.76
12710115F28	15	28	7	0.127	17.8	6.9	1.27	0.76
12710116F28	16	28	7	0.127	19.1	6.9	1.27	0.76
12710120F28	20	28	7	0.127	24.1	7.6	1.27	0.76
12710124F28	24	28	7	0.127	29.2	8.4	1.27	0.76
12710125F28	25	28	7	0.127	30.5	8.4	1.27	0.76
12710126F28	26	28	7	0.127	31.8	8.4	1.27	0.76
12710130F28	30	28	7	0.127	36.8	9.4	1.27	0.76
12710134F28	34	28	7	0.127	41.9	9.4	1.27	0.76
12710136F28	36	28	7	0.127	44.5	9.9	1.27	0.76
12710137F28	37	28	7	0.127	45.7	9.9	1.27	0.76
12710140F28	40	28	7	0.127	49.5	9.9	1.27	0.76
12710150F28	50	28	7	0.127	62.2	11.2	1.27	0.76

Please confirm application-specific requirements with CASMO before ordering. Specifications are subject to change; please ensure you are using the latest revision.

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		Conductor Size (AWG)	No. Of Strands	Nom. Strand Dia. (mm)				
12710160F28	60	28	7	0.127	74.9	11.9	1.27	0.76
12710164F28	64	28	7	0.127	80	12.7	1.27	0.76

Table Notes

1. Inner Ribbon Width = flat core width inside the round jacket; Overall O.D. = finished outer jacket diameter.

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