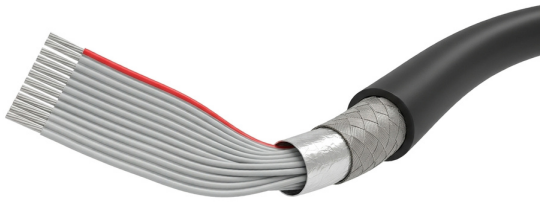
ROUNDFLAT SHIELDED

-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
Shield: Foil Braid · Aluminum/Mylar foil tape + Tinned copper wire braid
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.
Medical Equipment: Flexible routing for equipment interconnect where catalog construction applies.

General Characteristics
360° EMI/RFI Shielding: Composite foil and tinned copper braid shield provides high-coverage electromagnetic interference protection.
Round-to-Flat Termination: Round outer jacket for clean strain relief and routing, with internal flat ribbon core for rapid mass IDC termination.
Oil & Abrasion Resistance: Durable PVC outer jacket resists mineral oils, industrial fluids, and mechanical abrasion.

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)	Min. Braid Coverage (%)	Nom. O.D. (mm)	Nom. Conductor Pitch (mm)	O.D. Tolerance ± (mm)
		Conductor Size (AWG)	No. Of Strands	Nom. Strand Dia. (mm)					
1271029F28	9	28	7	0.127	10.2	85	6.9	1.27	0.76
12710210F28	10	28	7	0.127	11.4	85	6.9	1.27	0.76
12710214F28	14	28	7	0.127	16.5	85	7.9	1.27	0.76
12710215F28	15	28	7	0.127	17.8	85	7.9	1.27	0.76
12710216F28	16	28	7	0.127	19.1	85	7.9	1.27	0.76
12710220F28	20	28	7	0.127	24.1	85	8.6	1.27	0.76
12710224F28	24	28	7	0.127	29.2	85	9.4	1.27	0.76
12710225F28	25	28	7	0.127	30.5	85	9.4	1.27	0.76
12710226F28	26	28	7	0.127	31.8	85	9.4	1.27	0.76
12710234F28	34	28	7	0.127	41.9	85	10.4	1.27	0.76
12710236F28	36	28	7	0.127	44.5	85	10.9	1.27	0.76
12710237F28	37	28	7	0.127	45.7	85	10.9	1.27	0.76

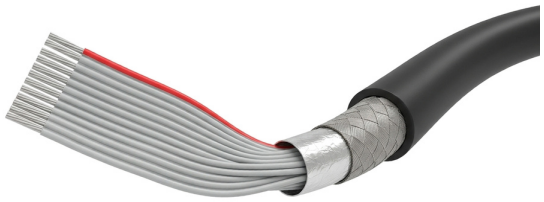
Please confirm application-specific requirements with CASMO before ordering. Specifications are subject to change; please ensure you are using the latest revision.

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casmocable
CABLES FOR EXTREMES

ROUNDFLAT SHIELDED

-20°C to +80°C, 30V



CASMO Part No.	Total Cores	Conductor			Nom. Inner Ribbon Width (mm)	Min. Braid Coverage (%)	Nom. O.D. (mm)	Nom. Conductor Pitch (mm)	O.D. Tolerance ± (mm)
		Conductor Size (AWG)	No. Of Strands	Nom. Strand Dia. (mm)					
12710240F28	40	28	7	0.127	49.5	85	10.9	1.27	0.76
12710250F28	50	28	7	0.127	62.2	85	12.2	1.27	0.76
12710260F28	60	28	7	0.127	74.9	85	13	1.27	0.76
12710264F28	64	28	7	0.127	80	85	13.7	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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