



## DAFLEX Ultra-Flexible FEP Subminiature Cables - 150°C

This series is suited for low voltage applications where flexibility is required; such as computer, bio-medical instruments, missiles, robotics, recorders and servers. It can also be used for critical physiological and medical applications where small diameters, long flex-life and non-toxic insulations are of primary consideration. Useful wherever good flexibility and high temperature resistance is required.

**Description:** Each conductor in the cables is ultra-flexible, finely stranded bare copper covered with a thin 0.0035" (0.089 mm) wall of color coded, FEP insulation. The conductors are cabled and covered with a thin 0.005" (0.127 mm) black FEP jacket (0.010" jacket on 28 AWG 9 Cond.). Shielded versions have a thin flexible 44 AWG tinned copper braid, minimum 90% coverage, over all conductors and underneath the jacket.

**Operating Temperature:** -150°C to +150°C. (For 200°C version see Daburn #2479 series)

**Operating Voltage:** 150 Volts.

This series is RoHS Compliant.

Daburn Item Number		# of Cond	AWG	Stranding	Nominal O.D. Unshielded		Nominal O.D. Shielded	
Unshielded	Shielded				Inches	mm	Inches	mm
2494/28-2	2494S/28-2	2	28	65/46	.053	1.346	.062	1.575
2494/28-3	2494S/28-3	3	28	65/46	.057	1.448	.066	1.676
2494/28-4	2494S/28-4	4	28	65/46	.063	1.600	.072	1.829
2494/28-9		9	28	65/46	.106	2.692		
2494/30-2	2494S/30-2	2	30	41/46	.047	1.194	.056	1.422
2494/30-3	2494S/30-3	3	30	41/46	.051	1.295	.060	1.524
2494/30-4	2494S/30-4	4	30	41/46	.056	1.422	.065	1.651
2494/32-2	2494S/32-2	2	32	65/50	.041	1.041	.050	1.270
2494/32-3	2494S/32-3	3	32	65/50	.044	1.118	.053	1.346
2494/32-4	2494S/32-4	4	32	65/50	.049	1.245	.058	1.473
2494/36-2	2494S/36-2	2	36	26/50	.035	0.889	.044	1.118
2494/36-3	2494S/36-3	3	36	26/50	.038	0.965	.047	1.194
2494/36-4	2494S/36-4	4	36	26/50	.041	1.041	.050	1.270

**Conductor colors:** 1-Black, 2-Red, 3-Green, 4-White, 5-Yellow, 6-Lt Blue, 7-Brown, 8-Orange, 9-Gray

**Jacket color: Black.** Additional jacket colors are available. Please call.

**Standard Put-Ups:** 100 ft, 500 ft, and 1,000 ft. Please call for other put-ups.

Additional constructions, # of conductors, paired conductors, etc., are available - please call or e-mail to inquire.