



Ultra-Flexible DaflexAlloy14 High Strength FEP Subminiature Cables

This cable is constructed with a high strength copper alloy conductor, DaflexAlloy14, to increase flex-life. Well 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, extra-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 silver-plated high strength copper alloy covered with a thin 0.0035" (0.089 mm) wall of color coded, FEP insulation. Multiple conductors are cabled and covered with a thin 0.005" (0.127 mm) black FEP jacket or a silver-plated copper braid. Single conductor versions are just the single insulated wire with no jacket. Shielded versions have a thin flexible 44 AWG silver plated copper braid over all conductors as an outer shield with no jacket.

Operating Temperature: -150°C to +200°C.

Operating Voltage: 150 Volts.

This series is RoHS Compliant.

Daburn Item Number	# of Cond	AWG	Stranding	Nominal O.D.	
				Inches	mm
Single Insulated Conductor					
2479HS/28-1	1	28	65/46	.023	0.584
Jacketed – No Shield					
2479HS/28-2	2	28	65/46	.055	1.397
2479HS/28-3	3	28	65/46	.060	1.524
2479HS/28-4	4	28	65/46	.065	1.651
Outer Shield – Unjacketed (No Jacket)					
2479HS/28-1UN	1	28	65/46	.032	0.8128
2479HS/28-2UN	2	28	65/46	.054	1.3716
2479HS/28-3UN	3	28	65/46	.059	1.4986
2479HS/28-4UN	4	28	65/46	.064	1.6256

Conductor colors: 1-Black, 2-Red, 3-Green, 4-White

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, AWG sizes, paired conductors, etc., are available - please call or e-mail to inquire.