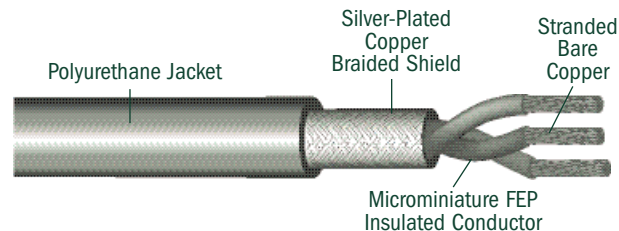


Ultra Flexible Single & Multiconductor FEP & Polyurethane Insulated Cables 250 Volts, 80° C



DESCRIPTION: Conductors are ultra flexible bare copper strands insulated with 5 mil wall of FEP. Extra flexible braided shields can be applied over the cabled conductors prior to jacketing with Polyurethane in either a high-gloss or satin finish. Most of the items below are also available with tinned copper stranded conductors and tinned copper braided shields.

USE: Used primarily in medical instruments and other specialized applications where ultra flexibility must be combined with the abrasion resistant properties of the Polyurethane jacket. Please contact our design team to confirm voltage and temperature ratings to match your specific application.

Number of Conductors	SINGLE CONDUCTOR DATA				Nominal Diameter Over Cabled Conductor	SHIELD		JACKET	
	Equivalent AWG	Strand Construction	Nominal Wall Thickness	Nominal Diameter		AWG of Shield	Nominal Diameter Over Shield	Nominal Wall Thickness	Nominal OD
1	38	17/50	.005	.015	.015	44	.024	.010	.044
1	38	7/46	.005	.015	.015	44	.024	.010	.044
1	36	26/50	.005	.016	.016	44	.025	.010	.045
1	36	7/44	.005	.016	.016	44	.025	.010	.045
1	34	41/50	.005	.017	.017	44	.026	.010	.046
1	34	10/44	.005	.017	.017	44	.026	.010	.046
1	34	7/42	.005	.018	.018	44	.027	.010	.047
1	32	65/50	.005	.019	.019	44	.028	.010	.048
1	32	26/46	.005	.019	.019	44	.028	.010	.048
1	32	16/44	.005	.019	.019	44	.028	.010	.048
1	32	7/40	.005	.019	.019	44	.028	.010	.048
1	30	41/46	.005	.022	.022	44	.031	.010	.051
1	30	25/44	.005	.022	.022	44	.031	.010	.051
1	30	11/40	.005	.022	.022	44	.031	.010	.051
1	30	7/38	.005	.022	.022	44	.031	.010	.051
2	38	17/50	.005	.015	.029	44	.038	.010	.058
2	38	7/46	.005	.015	.029	44	.038	.010	.058
2	36	26/50	.005	.016	.031	44	.040	.010	.060
2	36	7/44	.005	.016	.031	44	.040	.010	.060
2	34	41/50	.005	.017	.033	44	.042	.010	.062
2	34	10/44	.005	.017	.033	44	.042	.010	.062
2	34	7/42	.005	.018	.035	44	.044	.010	.064
2	32	65/50	.005	.019	.037	44	.046	.010	.066
2	32	26/46	.005	.019	.037	44	.046	.010	.066
2	32	16/44	.005	.019	.037	44	.046	.010	.066
2	32	7/40	.005	.019	.037	44	.046	.010	.066
2	30	41/46	.005	.022	.043	44	.052	.010	.072
2	30	25/44	.005	.022	.043	44	.052	.010	.072
2	30	11/40	.005	.022	.043	44	.052	.010	.072
2	30	7/38	.005	.022	.043	44	.052	.010	.072
2	38	17/50	.005	.015	.032	44	.041	.010	.061
3	38	7/46	.005	.015	.032	44	.041	.010	.061
3	36	26/50	.005	.016	.034	44	.043	.010	.063
3	36	7/44	.005	.016	.034	44	.043	.010	.063
3	34	41/50	.005	.017	.037	44	.046	.010	.066

Our standard colors for primary and overall jackets include: white, black, red, green, yellow, blue, brown, orange, gray and violet. Custom color and/or exact color match available; please contact our design team for your specific requirement.

All measurements are in inches unless otherwise stated.

www.newenglandwire.com
Tel: 603.838.6624