

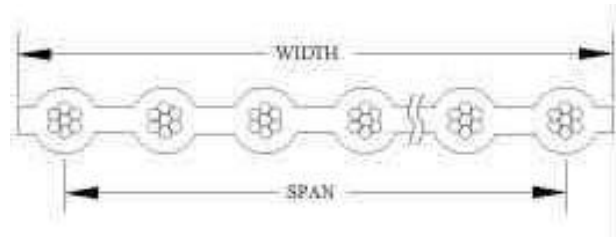
# Daburn #2486 FEP Flat Ribbon Cable, 0.025" Pitch, 32 AWG

UL Listing: 20726  
 UL Voltage Rating: 150 Volts  
 UL Temperature: 200°C, VW-1



## Features

- Insulation Displacement Connector (IDC) Compatible
- Smaller 0.025" pitch allows for a greater conductor density
- Greater Chemical & Abrasion Resistance than PVC or TPE
- No outgassing under vacuum at max. temperature
- Choose from a wide selection of conductor counts
- Broad Temperature Range (-65° C to 200° C)
- High Performance Dielectric Insulation
- Extruded – Will Not Delaminate
- Environmentally Stable
- Non-combustible
- RoHS Compliant



## Physical Description

Conductors are 32 AWG silver plated copper. Conductor stranding is 7/40 and pitch is 0.025 inches. Insulation is FEP extruded so that there are no de-lamination issues. Color is natural with a red polarity stripe. Packaging is 100 feet per reel, 50 feet minimum average length, 10 feet minimum length.

<b>AWG</b>	32 (7/40) Silver Plated Copper	<b>Temperature Rating</b>	-65°C to 200°C
<b>Nom. Wall</b>	.006"	<b>Voltage Rating</b>	150V RMS
<b>Thickness</b>	.024" +/- .003"	<b>Dielectric Constant</b>	2.1
<b>UL Style</b>	20726	<b>Conductor Resistance</b>	166 OHMS/MFT
<b>Flammability Rating</b>	UL VW-1	<b>Nom. Capacitance</b>	13.0 PF/FT (G.S.G.)
<b>Impedance</b>	95 OHMS Nom. (G.S.G.)		

## Applications

- Internal wiring of electronic and business equipment
- Mass Termination with IDC Connectors
- High Temperature environments not suited for PVC or TPE ribbon cable
- Applications requiring greater chemical & abrasion resistance than PVC or TPE ribbon cable can tolerate

## Specification

Daburn Part #	No. of Conductors	Span (inches)	Width (inches)	Standard Put-ups	Minimum Purchase
2486/10	10	0.225 +/- .005	0.250 +/- .007	100'	100'
2486/16	16	0.375 +/- .005	0.400 +/- .007	100'	100'
2486/20	20	0.475 +/- .005	0.500 +/- .007	100'	100'
2486/24	24	0.575 +/- .005	0.600 +/- .007	100'	100'
2485/26	26	0.625 +/- .005	0.650 +/- .007	100'	100'
2486/34	34	0.825 +/- .005	0.850 +/- .007	100'	100'
2486/40	40	0.975 +/- .006	1.000 +/- .007	100'	100'
2486/50	50	1.225 +/- .006	1.250 +/- .010	100'	100'
2486/60	60	1.475 +/- .006	1.500 +/- .010	100'	100'
2486/64	64	1.575 +/- .006	1.600 +/- .010	100'	100'
2486/68	68	1.675 +/- .006	1.700 +/- .010	100'	100'
2486/80	80	1.975 +/- .006	2.000 +/- .010	100'	100'
2486/100	100	2.475 +/- .006	2.500 +/- .010	100'	100'

**Note:** Other conductor counts available upon request. Standard jacket color is natural with a red polarity stripe. Other colors are available by special request. Packaging is 100 feet per reel, 50 feet minimum average length, 10 feet minimum length.

**Additional Constructions Available:** Shielded; 19 strand (for high flexing - above 50,000,000 flexures). Also available: MIL-DLT-49055.