

Stock cables ship the same day. Made-to-order cables ship fast, direct from the factory, in 15 days or less. No minimum-order quantity or length requirements.

Northwire MVC-800/ MVC-800 EL Cable

FireWire Cable for Vision Applications – IEEE 1394b

FireWire Cable for Visionary Performance

MVC-800 FireWire Cable is engineered to exceed your application requirements. Northwire will custom-configure a cable solution for industrial vision systems and camera applications for demanding factory environments. You'll save money. And with Northwire, you'll get service fast.

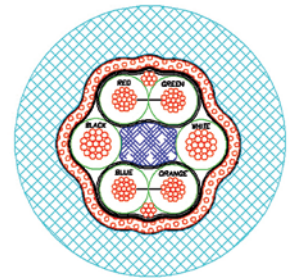
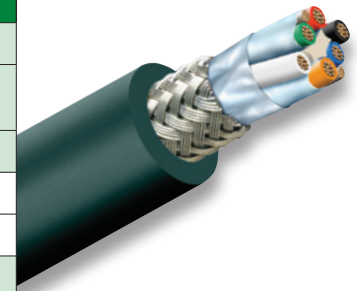
- Two versions: standard length – 4.5 meters (14.78 feet) or extended length – up to 7 meters (22.96 feet)
- Industrial, tough TPE outer-cable jacket
- Highly resistant to oil, abrasion, weld flash, UV light and water
- UL-recognized and CSA-approved
- Northwire MVC-800 EL cable offers high-flex life and is tested to exceed 11 million cycles on Northwire Standardized Flex Test Protocol (NSFTP) modes A and B*
- RoHS compliant
- Meets or exceeds IEEE 1394b standard for FireWire cable
- FT-1 flame rating
- Fully shielded: inner and outer 100% polyester/aluminum film, 2 drain wires and 90% tinned copper braid overall
- Custom choices and variants available for quick delivery

Improve your machine vision performance with Northwire MVC-800/MVC-800 EL. Order online today for same-day shipment at www.northwiredirect.com, call us at +1 715.294.2121, 1.800.468.1516 or e-mail us at cableinfo@northwire.com. We'll give you the solution you need with the most responsive service in the industry.

*Go to www.northwire.com/flex for more information.



Northwire MVC-800/MVC-800 EL Cable Specifications



MVC-800/MVC-800 EL FireWire Machine Vision Cable	
Cable Type	MVC-800/MVC-800 EL
Part Number	FAWM226C-003 Standard Length (SL)* FAWM226C-008 Extended Length (EL)*
Conductor	
Number of Conductors	4/26 AWG, 2/22 AWG (SL)*; 4/24 AWG, 2/22 AWG (EL)*
Stranding	Fine Stranded
Overall Cabling	
Fillers	Non-Wicking
Inner Conductor Colors: (SL)*	26 AWG: Rd/Gn, Bu/Og 22 AWG: Bk,Wt
Inner Conductor Colors: (EL)*	24 AWG: Rd/Gn, Bu/Og 22 AWG: Bk,Wt
Inner (Pair) Shields	Aluminum/Polyester Film 26 AWG Drain Wires
Outer Shield	
Outer-Shield Material	TC Braid Shield Over 100% Aluminum-Polyester Foil
Outer Jacket	
Material	TPE
Color	Matte Dark Green
Dimensions	
Cable O.D.	0.230" (5.842 mm) Nominal (SL)*; 0.285" (7.239 mm) Nominal (EL)*
Maximum Temperature Rating	80°C
Electrical	
Max. Operating Voltage—UL	30 V
MVC-800/MVC-800 EL Meets or Exceeds the Electrical Specifications per IEEE 1394B	
Differential Impedance	110 Ohms ± 6 Ohms (Data Pairs)
Velocity of Propagation – Vp	<5.05 ns/m
Conductor DC Resistance Attenuation	250 MHz: <2.3db/4.5 Meters (SL)*; 7 Meters (EL)* 400 MHz: <2.9db/4.5 Meters (SL)*; 7 Meters (EL)* 500 MHz: <3.5db/4.5 Meters (SL)*; 7 Meters (EL)* 800 MHz: <4.6db/4.5 Meters (SL)*; 7 Meters (EL)* 1000 MHz: <5.5db/4.5 Meters (SL)*; 7 Meters (EL)*
Flex-Life (EL)*	Exceeds 11 Million Cycles NSFTP Modes A and B
Flex-Life (SL)*	Exceeds 2.6 Million Cycles NSFTP Mode A
Signal Pair Skew	160 pS/4.5 Meters Max. (SL)*; 7 Meters (EL)*
Standards and Agency Compliance	
NEC/(UL) Specification	UL-Recognized AWM
CSA Specification	CSA AWM I/II A/B
IEEE	IEEE-1394b
RoHS	RoHS Compliant
Flame Tests	
UL Flame Test	
CSA Flame Test	CSA FT-1
Plenum/Non-Plenum	Non-Plenum

Northwire **DIRECT**

Northwire MVC-800/MVC-800EL Cable is available for fast delivery from stock. Visit www.northwiredirect.com and order online today!



PayPal

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* (SL) = standard length (EL) = extended length



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