

Xtra-Guard® 26 and 28 AWG Cable



Same Robust Performance, Smaller Conductors

Now you can get the proven performance of Xtra-Guard with 26 AWG (0.14 mm²) and 28 AWG (0.09 mm²) conductors for a smaller, more flexible cable. These small gauge cables are available in various conductor and pair counts, shielding options, and choices of environmental robustness. Xtra-Guard HP features premium-grade SR-PVC insulation for easier stripping and termination and PVC jackets for faster cable routing and installation.

Whether you are looking for reliable signal integrity in controlled environments, extra rugged cable for added mechanical robustness, or cables that perform at extremes of temperature, you will find an Xtra-Guard cable that offers exception performance. **The new gauge sizes are available for the whole Xtra-Guard family.**

- 26 AWG (0.14 mm²) and 28 AWG (0.09 mm²) conductors for a smaller, more flexible cable
- Premium PVC jacket for easier pulling and installation
- Premium SR-PVC insulation for easier stripping and termination
- Temperature range to 105°C (221°F)
- Light-duty oil resistance to UL Class 43
- Nine standard jacket colors for easier circuit identification
- Choice of shielding options:
 - Unshielded
 - Aluminum/polyester for moderate EMC performance
 - Supra-Shield® foil/braid for exceptional EMC performance
- Available in put-ups as short as 100 feet (30 m)
- Available across the entire Xtra-Guard product line

Alpha Wire

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Specifications

Materials

Conductors Tin-plated copper
Insulation Premium SR-PVC
Jacket Premium PVC
Foil Aluminum/polyester with tinned copper drain wire, 25% overlap
Supra-Shield Tinned copper braid (70% coverage) over aluminum/polyester/aluminum foil

Electrical

Voltage 300 volt

Approvals

Cable Types UL Type CM, AWM 2464
 CSA AWM I/II A/B
Flammability CSA FT4
 UL VW-1



Xtra-Guard HP 26 & 28 AWG Cables

26 AWG (0.14 mm²) with 7/34 (7x0.16 mm²) Stranding, 0.010" (0.25 mm) Thick Insulation, 0.032" (0.81 mm) Thick Jacket

28 AWG (0.09 mm²) with 7/36 (7x0.127 mm²) Stranding, 0.010" (0.25 mm) Thick Insulation, 0.032" (0.81 mm) Thick Jacket

Configuration	Shielding	No. of Conductors/ Pairs	26 AWG			28 AWG			
			Cable Diameter		Part No.	Cable Diameter		Part No.	
			Inch	mm		Inch	mm		
Multi-Conductor	Unshielded	2C	0.146	3.71	5666	0.138	3.51	5920	
		3C	0.152	3.86	5667	0.144	3.66	5921	
		4C	0.162	4.11	5668	0.153	3.89	5922	
		6C	0.186	4.72	5669	0.174	4.42	5923	
		7C	0.186	4.72	5670	0.174	4.42	5924	
		8C	0.198	5.03	5671	0.185	4.70	5925	
		10C	0.224	5.69	5672	—	—	—	
		15C	0.248	6.30	5673	—	—	—	
		Foil	2C	0.150	3.81	5674	0.142	3.61	5926
			3C	0.156	3.96	5675	0.148	3.76	5927
			4C	0.166	4.22	5676	0.157	3.99	5928
			6C	0.190	4.83	5677	0.178	4.52	5929
			7C	0.190	4.83	5678	0.178	4.52	5930
			8C	0.202	5.13	5679	0.189	4.80	5931
			10C	0.228	5.79	5680	—	—	—
	15C		0.252	6.40	5681	—	—	—	
	Foil/Braid Supra-Shield		2C	0.174	4.42	5682	0.166	4.22	5932
			3C	0.180	4.57	5683	0.172	4.37	5933
			4C	0.190	4.83	5684	0.181	4.60	5934
			6C	0.214	5.44	5685	0.202	5.13	5935
			7C	0.214	5.44	5686	0.202	5.13	5936
			8C	0.226	5.74	5687	0.213	5.41	5937
			10C	0.252	6.40	5688	—	—	—
	Multi-Pair	Foil	2PR	0.200	5.08	5690	0.187	4.75	5938
			3PR	0.210	5.33	5691	0.196	4.98	5939
			4PR	0.227	5.77	5692	0.211	5.36	5940
			5PR	0.246	6.25	5693	0.228	5.79	5941
			6PR	0.265	6.73	5694	0.246	6.25	5942
			6PR	0.289	7.34	5699	0.270	6.86	5947
		Foil/Braid Supra-Shield	2PR	0.224	5.69	5695	0.211	5.36	5943
3PR			0.234	5.94	5696	0.220	5.59	5944	
4PR			0.251	6.38	5697	0.235	5.97	5945	
5PR			0.270	6.86	5698	0.252	6.40	5946	
6PR			0.289	7.34	5699	0.270	6.86	5947	

26 and 28 AWG conductors are available for the entire Xtra-Guard family.

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AlphaWire

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