



## DaGuard 4 - Flexible Extended Temperature TPE Cables – UL 20237

Daburn’s DaGuard 4 series of cables feature a Thermoplastic Elastomer (TPE) insulation which offers greater flexibility at higher and lower temperatures than PVC. It provides moderate resistance to oils, solvents, chemicals, and fuels, as well as outstanding ultraviolet light stability. A double-shielded option provides exceptional protection against EMI interference.

- Outstanding ultraviolet light stability.
- Extended temperature range from -50°C to +125°C
- High performing TPE insulation and jacket offering three times the low-temperature flexibility of ordinary PVC
- UL AWM Style 20237 125°C 300 Volts
- Provides exceptional protection against EMI interference when double-shield is specified
- Equivalent to Alpha Xtra-Guard® 4 cables, Alpha #s 450XX, 451XX, 453XX, 454XX
- Manufactured by Daburn Electronics & Cable

**Description:** Stranded tinned copper conductors insulated with .016” nominal wall TPE. Conductors are twisted and wrapped with polyester tape. Shielded options have either a single aluminum/Mylar foil shield 100% coverage or a double-shield of the aluminum/Mylar foil and a 36 AWG tinned copper braid over the foil with minimum 70% coverage. Shielded versions also have a drain wire of the same AWG and stranding as the primary conductors. TPE outer jacket overall. Cables have nylon ripcords.

**Operating Temperature:** -50°C to +125°C  
**UL Voltage Rating:** 300 volts (UL 20237)  
 Complies with FT1 flame rating.

This series is RoHS and REACH compliant.

Xtra-Guard® is a registered trademark of Alpha Wire. Daburn is not, in any way, related to, affiliated with or licensed by Alpha Wire or Belden Inc.

Daburn Item #'s			# Cnd	AWG	Strand- ing	Nom. Jkt		Nom. O.D. Unshielded		Nom. O.D. With Foil Shield		Nom. O.D. With Foil & Braid Shields	
No Shield	Single Foil Shield	Double Foil & Braid Shield				IN	MM	IN	MM	IN	MM	IN	MM
3610/2	3610S/2	3610DS/2	2	16	19/29	.045	1.14	.270	6.86	.280	7.11	.300	7.62
3610/3	3610S/3	3610DS/3	3	16	19/29	.045	1.14	.290	7.37	.290	7.37	.310	7.87
3610/4	3610S/4	3610DS/4	4	16	19/29	.045	1.14	.314	7.98	.310	7.87	.330	8.38
3610/6	3610S/6	3610DS/6	6	16	19/29	.055	1.40	.369	9.37	.368	9.35	.410	10.4
3610/8	3610S/8	3610DS/8	8	16	19/29	.055	1.40	.418	10.6	.420	10.6	.435	11.0



Daburn Electronics & Cable  
 44 Richboynton Road  
 Dover, NJ 07801

3611/2	3611S/2	3611DS/2	2	18	16/30	.045	1.14	.250	6.35	.256	6.50	.280	7.11
3611/3	3611S/3	3611DS/3	3	18	16/30	.045	1.14	.260	6.60	.266	6.76	.290	7.37
3611/4	3611S/4	3611DS/4	4	18	16/30	.045	1.14	.280	7.11	.288	7.32	.309	7.85
3611/6	3611S/6	3611DS/6	6	18	16/30	.045	1.14	.328	8.33	.335	8.51	.358	9.09
3611/8	3611S/8	3611DS/8	8	18	16/30	.055	1.40	.358	9.09	.358	9.09	.400	10.1
3612/2	3612S/2	3612DS/2	2	20	7/28	.045	1.14	.230	5.84	.235	5.97	.260	6.60
3612/3	3612S/3	3612DS/3	3	20	7/28	.045	1.14	.245	6.22	.250	6.35	.272	6.91
3612/4	3612S/4	3612DS/4	4	20	7/28	.045	1.14	.263	6.68	.268	6.81	.290	7.37
3612/6	3612S/6	3612DS/6	6	20	7/28	.045	1.14	.304	7.72	.309	7.85	.331	8.41
3612/8	3612S/8	3612DS/8	8	20	7/28	.045	1.14	.326	8.28	.331	8.41	.354	8.99
3613/2	3613S/2	3613DS/2	2	22	7/30	.045	1.14	.218	5.54	.220	5.59	.240	6.10
3613/3	3613S/3	3613DS/3	3	22	7/30	.045	1.14	.228	5.79	.233	5.92	.255	6.48
3613/4	3613S/4	3613DS/4	4	22	7/30	.045	1.14	.244	6.20	.249	6.32	.271	6.88
3613/6	3613S/6	3613DS/6	6	22	7/30	.045	1.14	.280	7.11	.285	7.24	.307	7.80
3613/8	3613S/8	3613DS/8	8	22	7/30	.045	1.14	.299	7.59	.304	7.72	.326	8.28
3614/2	3614S/2	3614DS/2	2	24	7/32	.045	1.14	.200	5.08	.204	5.18	.230	5.84
3614/3	3614S/3	3614DS/3	3	24	7/32	.045	1.14	.209	5.31	.214	5.44	.242	6.15
3614/4	3614S/4	3614DS/4	4	24	7/32	.045	1.14	.224	5.69	.230	5.84	.257	6.53
3614/6	3614S/6	3614DS/6	6	24	7/32	.045	1.14	.256	6.50	.261	6.63	.289	7.34
3614/8	3614S/8	3614DS/8	8	24	7/32	.045	1.14	.293	7.44	.278	7.06	.306	7.77

**Conductor colors:** 1-Black, 2-Red, 3-White, 4-Green, 5-Orange, 6-Blue, 7-Brown, 8-Yellow  
 Please call to request different conductor colors.

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