

Detailed index of products

Defence									
Product family	Type		Volts	Impedance	Temperature		Specification	Page	
Hi-Flex	Cores		300 600 1,000	-	-50	+140	-	12	
	ZH	LSZH cores	300 600	-	-50	+140	-	13	
		STJ 1	Shielded cores	600	-	-50	+140	-	14
Landguard ^{VG}	H-GM20-A		600	-	-65	+150	VG 95218-20 Type A	16	
	H-GM21-E		600	-	-65	+150	VG 95218-21 Type E	17	
	H-GM22-C		600	-	-65	+150	VG 95218-22 Type C	18	
	H-GM23-F		600	-	-65	+150	VG 95218-23 Type F	19	
	H-GM24-K		600	-	-65	+150	VG 95218-24 Type K	20 - 21	
	H-GM25-G		600	-	-65	+150	VG 95218-25 Type G	22	
	H-GM27-B		600	-	-65	+150	VG 95218-27 Type B	23	
H-GM28-D		600	-	-65	+150	VG 95218-28 Type D	24 - 26		
Seaguard ^{DS}	LFH/URM		-	50 75	-30	+85	Def Stan 61-12 Part 9	28 - 29	
	D-D & D-DM		600	-	-50	+120	Def Stan 61-12 Part 18	30	
	D-TX		600	-	-30	+85	Def Stan 61-12 Part 25	31 - 32	
	D-STX		600	-	-30	+85	Def Stan 61-12 Part 25	33 - 34	
	D-STX x2		600	-	-30	+85	Def Stan 61-12 Part 25	35	
	D-STX x3		600	-	-30	+85	Def Stan 61-12 Part 25	36	
	D-STRN2-TX		600	-	-30	+85	Def Stan 61-12 Part 25	37	
	D-STRN2-STX		600	-	-30	+85	Def Stan 61-12 Part 25	38	
	D-TX		600	-	-30	+85	Def Stan 61-12 Part 25	39	
	D-STX		600	-	-30	+85	Def Stan 61-12 Part 25	40	
D-TX Variants		600	-	-30	+85	Def Stan 61-12 Part 25	41 - 42		
Seaguard LWB ^{VG}	H-GM29-G		600	-	-50	+90	VG 95218-29 Type G	44	
	H-GM29-H		600	-	-50	+90	VG 95218-29 Type H	45	
	H-GM29-K		600	-	-50	+90	VG 95218-29 Type K	46	
	H-GM29-L		600	-	-50	+90	VG 95218-29 Type L	47	
Industrial									
Product family	Type		Volts	Impedance	Temperature		Specification	Page	
Habiaflame	RV	Cores	600	-	-65	+260	IEC 60332-21, IEC 60332-31	49	
		Multicores	600	-	-65	+260	IEC 60332-21, IEC 60332-31	50	
	RVH	Cores	600	-	-65	+200	IEC 60332-21, IEC 60332-31	51	
		Multicores	600	-	-65	+200	IEC 60332-21, IEC 60332-31	52	
Habiasense	HT	5	600	-	-65	+260	-	54	
		6	600	-	-65	+180	-	55	
		7	600	-	-65	+150	-	56	
	ZH	1	600	-	-40	+110	-	57	
		2	300	-	-60	+100	-	58	
Harnbraid	90 101 103	Round over-braiding	-	-	-65	+260	-	60	
Nuclear power									
Product family	Type		Volts	Impedance	Temperature		Specification	Page	
Habiatron	M		300 600	-	-60	+140	IEEE 383	62	
	MC		300 600	-	-60	+190	IEEE 383	63	
	MM	LSF	Coaxials	-	33 50 75	-40	+90	-	64
		HFI	Coaxials	-	50 75	-50	+135	-	65
		PEEK	Coaxials	-	33 75	-60	+190	-	66

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DISCLAIMER: Information is indicative and cannot be considered a binding representation or warranty for products and their use.

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Nuclear power									
Product family	Type	Volts	Impedance	Temperature		Specification	Page		
Habiatron	Q Class	Coaxials	-	50 75	-25	+80	IEEE 383	67	
		Multicores	300 600	-	-25	+90	IEEE 383	68	
	R Class	Coaxials	-	50 75	-25	+80	-	69	
		Multicores	300 600	-	-25	+90	-	70	
Offshore									
Product family	Type	Volts	Impedance	Temperature		Specification	Page		
DMFRO	LSZH multicores	600	-	-40	+140	DNV GL	72 - 73		
	LSZH multipairs	600	-	-40	+140	DNV GL	74		
RTFRO	Multicores	600	-	-65	+150	ABS, BV, DNV GL	75 - 76		
	Multipairs & multitruples	600	-	-65	+150	ABS, BV, DNV GL	77		
	TCK	Multicore & multipair thermocouples	600	-	-65	+150	ABS, BV, DNV GL	78	
Telecom									
Product family	Type	Volts	Impedance	Temperature		Specification	Page		
Flexiform	L	Premium re-formable coaxials	-	50	-65	+180	-	80	
		FJ	Premium re-formable coaxials	-	50	-65	+180	-	81
	L	HFJ	Premium re-formable coaxials	-	50	-40	+80	-	82
		FJ	Premium re-formable low loss coaxials	-	50	-65	+180	-	83
	L	HFJ	Premium re-formable low loss coaxials	-	50	-40	+80	-	84
		FJ	Standard re-formable low loss coaxials	-	50	-65	+180	-	85
	LX	HFJ	Standard re-formable low loss coaxials	-	50	-40	+80	-	86
		FJ	Standard re-formable coaxials	-	50	-65	+180	-	87
	LXF	HFJ	Standard re-formable coaxials	-	50	-40	+80	-	88
		FJ	Premium re-formable coaxials	-	50	-65	+180	-	89
	MLF	HFJ	Premium re-formable coaxials	-	50	-40	+80	-	90
		FJ	Premium re-formable coaxials	-	50	-65	+180	-	91
	SL	HFJ	Premium re-formable coaxials	-	50	-40	+80	-	92
		FJ	Standard re-formable coaxials	-	50	-65	+180	-	93
	SLX	HFJ	Standard re-formable coaxials	-	50	-40	+80	-	94
		FJ	Standard re-formable coaxials	-	50	-65	+180	-	95
	SLXF	HFJ	Standard re-formable coaxials	-	50	-40	+80	-	96
		FJ	Standard re-formable coaxials	-	50	-65	+180	-	97
	X	HFJ	Standard re-formable coaxials	-	50	-40	+80	-	98
		FJ	Flexible, semi-rigid alternative coaxials	-	50	-65	+180	-	100
Multibend	FJ	Flexible, semi-rigid alternative coaxials	-	50	-65	+180	-	100	
Speedflex		LSZH coaxials	-	50 75	-25	+80	-	102	
	UL	Certified, LSZH coaxials	-	50 75	-25	+60	UL AWM Style 1375	103	
	XL	Ruggedised, LSZH coaxials	-	50 75	-25	+105	-	104	
Speedfoam	HFJ	Low-loss coaxials	-	50	-25	+80	-	106	
	F	Flexible, low-loss coaxials	-	50	-40	+80	-	107	
	HT	High temperature, low-loss coaxials	-	50	-60	+150	-	108	
	UL	Certified, low-loss coaxials	-	50	-25	+60	UL AWM Style 1375	109	
	XL	Ruggedised, low-loss coaxials	-	50	-25	+105	-	110	

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Standard products										
Product family	Type		Volts	Impedance	Temperature		Specification	Page		
Coaxials	RG		High temperature coaxials	-	50 75	-55	+200	-	112	
		LSOH	Halogen free, industry-standard coaxials	-	50 75	-25	+80	-	113	
		M	Military, high temperature coaxials	-	50 75 95	-55	+200	-	114 - 115	
		PVC	Industry-standard coaxials	-	50 75	-40	+70	-	116	
	RGD		Double braided coaxials	-	50 75 95	-55	+200	-	117	
		M	Military, double braided coaxials	-	50 75 95	-55	+200	-	118	
	RGL		Low noise coaxials	-	50 75	-55	+200	-	119	
	RGT		High temperature triaxials	-	50 75 95	-55	+200	-	120 - 121	
	SM & SMT		Sub-miniature coaxials & triaxials	-	50 75 95	-55	+200	-	122	
	Signal cables	ETFE	KU03 KU04	Twisted wires	600	-	-65	+150	NF-C-93524	124
KU02 KU05 KU06			Multicores	600	-	-65	+150	NF-C-93524	125	
ZL-STZ			Screened multicores	600	-	-65	+150	-	126 - 127	
ZN-STZ			Screened multicores	600	-	-65	+150	-	128 - 129	
PTFE/FEP		ET-STK	Screened multicores	250	-	-65	+200	-	130 - 131	
		E-STK	Screened multicores	600	-	-65	+200	-	132 - 133	
		EE-STK	Screened multicores	1,000	-	-65	+200	-	134 - 135	
HFI 140		D-T 2/3/4	Twisted pairs, triples & quads	600	-	-30	+120	-	136	
HFI 140 / HFI 150		D-TB	Multicores	600	-	-30	+120	-	137	
		D-STB	Shielded multicores	600	-	-30	+120	-	138	
Single wires	ETFE	KU01	Cores	600	-	-65	+150	NF C 93-524	140	
		RT	Cores	300 450 600	-	-65	+150	-	141	
		H-UZT	Ultra-thin cores	160	-	-65	+150	-	142	
		H-ZT TPC	Cores	250	-	-65	+150	-	143	
		H-Z TPC	Cores	600	-	-65	+150	-	144	
		H-ZZ TPC	Cores	1,000	-	-65	+150	-	145	
		H-ZT	Cores	250	-	-65	+150	-	146	
		H-Z	Cores	600	-	-65	+150	-	147	
		H-ZZ	Cores	1000	-	-65	+150	-	148	
		M-ZL M-ZLA	Cores	600	-	-65	+150	IAW: SAE AS22759-18 IAW: SAE AS22759-19	149	
		M-ZN M-ZNA	Cores	600	-	-65	+150	IAW: SAE AS22759-16 IAW: SAE AS22759-17	150	
		H-WZT H-WZ	Wire wrap wires	300 600	-	-65	+150	-	151	
		FEP	KT TPC	Cores	250	-	-65	+180	NEMA HP-4	152
			K TPC	Cores	600	-	-65	+180	NEMA HP-4	153
	KK TPC		Cores	1,000	-	-65	+180	NEMA HP-4	154	
	KT TPC K TPC KK TPC		Cores with metric conductors	250 600 1,000	-	-65	+180	IAW: NEMA HP-4	155	

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Standard products										
Product family		Type	Volts	Impedance	Temperature		Specification	Page		
Single wires	FEP	UKT	Ultra-thin cores	160	-	-65	+200	-	156	
		KT	Cores	250	-	-65	+200	NEMA HP-4	157	
		K	Cores	600	-	-65	+200	NEMA HP-4	158	
		KK	Cores	1,000	-	-65	+200	NEMA HP-4	159	
		KT K KK	Cores with metric conductors	250 600 1,000	-	-65	+200	IAW: NEMA HP-4	160	
		H-WKT H-WK	Wire wrap wires	300 600	-	-65	+200	-	161	
		HFI 121 XL	XC	Halogen free cores	600	-	-40	+121	-	162
	HFI 140	D-D D-DM	Halogen free cores	600	-	-50	+120	DSP 61-12 Pt 18	163	
		H-DM						IAW: DSP 61-12 Pt 18		
	HFI 147	H-RN	Halogen free cores	600	-	-30	+140	-	164	
	HFI 150	H-B H-BM	Halogen free cores	600	-	-50	+135	-	165	
	LSI 155	D-F1T D-F2T	Single wall TPC cores Dual wall TPC cores	600	-	-65	+135	DSP 61-12 Pt 33/001	166	
		D-F1P D-F1S D-F2P D-F2S	Single wall HSA cores Single wall SPC cores Dual wall HSA cores Dual wall SPC cores	600	-	-65	+150	DSP 61-12 Pt 33/001	167	
		PFA	H-AT	Cores	300	-	-65	+200	-	168
			H-A	Cores	600	-	-65	+200	-	169
			H-AA	Cores	1,000	-	-65	+200	-	170
	PTFE	KZ04 KZ05 KZ06	Cores	250 600 1,000	-	-65	+200	NF C 93-523	171	
		KZ07 KZ08 KZ09	Cores	250 600 1,000	-	-65	+260	NF C 93-523	172	
		B-ET B-ET NPC	Cores	300	-	-75	+190	BS 3G 210 Type A & NA	173	
		B-E B-E NPC	Cores	600	-	-75	+190	BS 3G 210 Type B & NB	174	
		B-EE B-EE NPC	Cores	1,000	-	-75	+190	BS 3G 210 Type C & NC	175	
		ET E EE ET NPC E NPC EE NPC ET NPC E NPC EE NPC H-WET H-WE	UT	Ultra-thin cores	160	-	-65	+200	-	176
			ET H-RET	Cores	250	-	-65	+200	NEMA HP-3	177
	E H-RE		Cores	600	-	-65	+200	NEMA HP-3	178	
	EE H-REE		Cores	1,000	-	-65	+200	NEMA HP-3	179	
	ET E EE		Cores with metric conductors	250 600 1,000	-	-65	+200	-	180	
	ET NPC H-RET NPC		Cores	250	-	-65	+260	NEMA HP-3	181	
	E NPC H-RE NPC		Cores	600	-	-65	+260	NEMA HP-3	182	
	EE NPC H-REE NPC		Cores	1,000	-	-65	+260	NEMA HP-3	183	
	ET NPC E NPC EE NPC		Cores with metric conductors	250 600 1,000	-	-65	+260	-	184	
	H-WET H-WE		Wire wrap wires	300 600	-	-65	+200	-	185	
	TPS 130		H-R	Cores	300	-	-60	+90	-	186
	TWI 205		H-HT	Cores	250	-	-65	+200	-	187
H-H			Cores	600	-	-65	+200	-	188	
H-HH			Cores	1,000	-	-65	+200	-	189	

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Standard products							
Product family	Type	Volts	Impedance	Temperature		Specification	Page
UL, cUL & CSA	Coaxial cables	30 150	50 75 95	-65	+200	-	192
	Insulated wires	VNS 30 125 150 300 600 1,000	-	-65	+250	-	193 - 199
	Twisted wires	150 300	-	-65	+250	-	200
	Single core cables	VNS 30 125 150 300 600	-	-65	+250	-	201 - 203
	Single & multicore cables	30 60 80 125 150 300 600	-	-65	+250	-	201 - 207

Materials								
Product family	Type	Volts	Impedance	Temperature		Specification	Page	
Materials	Insulation only	HFI 90 H	-	-	-60	+105	-	209
		HFI 90 L	-	-	-60	+90	-	210
		HFI 140	-	-	-50	+140	-	211
		HFI 147	-	-	-40	+160	-	212
		MPR 100	-	-	-50	+135	-	213
		TPS 130	-	-	-60	+110	-	214
		TPS 155 XL	-	-	-55	+155	-	215
	Dual use	ETFE	-	-	-100	+170	-	217
		FEP	-	-	-200	+205	-	218
		HFI 121 XL	-	-	-40	+150	-	219
		HFI 150	-	-	-60	+135	-	220
		HFI 260	-	-	-60	+200	-	221
		HFR 150	-	-	-60	+190	-	222
		LSI 155	-	-	-65	+155	-	223
		MPR 105	-	-	-75	+125	-	224
		PFA	-	-	-200	+260	-	225
		PTFE	-	-	-200	+260	-	226
	Sheath only	TWI 205	-	-	-200	+200	-	227
		HFS 80	-	-	-25	+80	-	229
		HFS 80 N	-	-	-25	+80	-	230
		HFS 80 T	-	-	-25	+80	-	231
		HFS 100	-	-	-60	+100	-	232
		HFS 105 XL B	-	-	-25	+125	IEEE 323 & IEEE 383 type test	233
		HFS 107 XL	-	-	-30	+120	DSP 61-12 Pt 31 (limits apply)	234
		HFS 107 XL B	-	-	-30	+120	DSP 61-12 Pt 31	235
		HFS 125 XL	-	-	-60	+135	NEK 606	236
		TPS 100 & TPS 100 FR	-	-	-60	+100	-	237
		TPS 120 & TPS 120 FR	-	-	-60	+120	-	238
		TPS 125 XL	-	-	-60	+150	-	239
		TPU 90	-	-	-40	+100	-	240
TPU 90 M	-	-	-40	+100	-	241		