

H-Z (ETFE)

600V
-65°C / +150°C

Single core

Voltage	0.6/1kV AC U ₀ /U
Test voltage	3.4kV AC
Flame retardant	
Low smoke generation	

Construction

Conductor	H-Z TPC H-Z	Tin Plated Copper (TPC) Silver Plated Copper (SPC)	Insulation	ETFE
Shield	-		Sheath	-

Application

ETFE offers an excellent range of physical properties such as mechanical toughness, flex-life, fire performance and chemical resistance. ETFE cores are ideal for all-round general purpose use and are used extensively in both military and industrial applications.

Description	Size		Conductor			Finished Wire			Electrical	Article Number
	AWG	CSA mm ²	stranding	resistance Ω/km	wire Ø	core Ø	tolerance	weight g/m	amps at 40°C	
H-Z 3201 TPC H-Z 3201	32	0.03	1 x 0.203	584.00	0.20	0.65	±0.05	1.2	2	578cc3201 568cc3201
H-Z 3207 TPC H-Z 3207	32	0.04	7 x 0.079	597.10	0.24	0.69	±0.05	1.2	2	578cc3207 568cc3207
H-Z 3001 TPC H-Z 3001	30	0.05	1 x 0.254	374.00	0.25	0.71	±0.05	1.5	3	578cc3001 568cc3001
H-Z 3007 TPC H-Z 3007	30	0.06	7 x 0.102	354.30	0.30	0.75	±0.05	1.5	3	578cc3007 568cc3007
H-Z 2801 TPC H-Z 2801	28	0.08	1 x 0.320	232.30	0.32	0.77	±0.05	2.0	4	578cc2801 568cc2801
H-Z 2807 TPC H-Z 2807	28	0.09	7 x 0.127	223.80	0.38	0.83	±0.05	2.0	4	578cc2807 568cc2807
H-Z 2607 TPC H-Z 2607	26	0.14	7 x 0.160	139.80	0.48	0.93	±0.05	2.7	6	578cc2607 568cc2607
H-Z 2619 TPC H-Z 2619	26	0.16	19 x 0.102	131.60	0.48	0.93	±0.05	2.8	6	578cc2619 568cc2619
H-Z 2407 TPC H-Z 2407	24	0.22	7 x 0.203	86.00	0.60	1.06	±0.05	3.7	9	578cc2407 568cc2407
H-Z 2419 TPC H-Z 2419	24	0.24	19 x 0.127	83.30	0.60	1.06	±0.05	3.9	9	578cc2419 568cc2419
H-Z 2207 TPC H-Z 2207	22	0.36	7 x 0.254	54.80	0.76	1.22	±0.05	5.2	12	578cc2207 568cc2207
H-Z 2219 TPC H-Z 2219	22	0.38	19 x 0.160	52.20	0.76	1.22	±0.05	5.5	12	578cc2219 568cc2219
H-Z 2007 TPC H-Z 2007	20	0.56	7 x 0.320	34.10	0.96	1.41	±0.05	7.5	16	578cc2007 568cc2007
H-Z 2019 TPC H-Z 2019	20	0.60	19 x 0.203	32.00	0.97	1.41	±0.05	8.1	16	578cc2019 568cc2019
H-Z 1819 TPC H-Z 1819	18	0.96	19 x 0.254	20.40	1.21	1.75	±0.08	12.0	22	578cc1819 568cc1819
H-Z 1619 TPC H-Z 1619	16	1.23	19 x 0.287	15.80	1.36	1.97	±0.13	16.0	27	578cc1619 568cc1619
H-Z 1419 TPC H-Z 1419	14	1.87	19 x 0.361	10.00	1.70	2.34	±0.13	20.0	37	578cc1419 568cc1419
H-Z 1219 TPC H-Z 1219	12	3.02	19 x 0.455	6.30	2.14	2.82	±0.13	33.0	50	578cc1219 568cc1219

Single Wires

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Available colours (replace 'cc' in the order reference)

00 Black	11 Brown	22 Red	33 Orange	44 Yellow	55 Green	66 Blue	77 Violet	88 Grey	99 White	29 Pink	89 Natural	45 Yel/Grn
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Ref: EQ_Z_13 Created: CJV Approved: AE Date: 2013-09-12

Data indicates nominal values unless stated otherwise, is only valid for reference purposes at the time of publication and is subject to change without prior notice.