

X-HF-110 Flexible

Halogen Free, Low Smoke, High Temperature, Flame Retardant Cables



Application:

Wiring of switchboards, control, general wiring, instrumentation and communication systems. Used where LSZH is needed and where higher current ratings are required

Benefits	
Low Smoke	Reduced smoke emission in a fire situation
Low Toxicity	Reduced toxicity in a fire situation
Non-Corrosive	No corrosive gas emission in a fire situation
High Temperature Rating	High temperature rating can allow for higher currents and so smaller conductor sizes may be used
Flame Retardant	Flame retardant, low fire load and non flame propagating
Extremely Flexibility	Class 5 flexible conductor stranding
Easy to Solder	Tinned copper conductors for easy adhesion

Features	
✓	Up to 50% higher current ratings compared to PVC flexible cable
✓	Reduced overall diameters compared with PVC flexible cable
✓	Tinned copper strands for corrosion protection
✓	Tinned copper for high conductivity soldered connection
✓	Class 5 conductors for extreme flexibility for those awkward to get connections
✓	RoHS compliant to European environmental requirements
✓	LSZH to reduce hazards during a fire

Construction	
Conductor	Tinned annealed copper wire, class 5 or 6
Insulation	X-HF-110
Colours	Red, black, blue, white, brown, grey, orange, purple, pink, yellow, green and green/yellow. Others available upon request

Ratings	
Temperature	-40°C to + 110°C
Voltage	0.6/1kV
Applicable Standards	AS/NZS1125, AS/NZS3808, AS/NZS5000.1



Flexible Conductor:
Class 5/6



Tinned Copper
for Corrosion Resistance



Minimum Service
Temperature:
-40°C



Maximum Service
Temperature:
110°C



Maximum Short Circuit
Temperature:
250°C



Impact Resistant



Abrasion Resistant



Chemical And Oil Resistant



Flame
Non-Propagation



Minimum Recommended
Bend Radius Fixed 4 x OD



Low Smoke Zero Halogen

SYDNEY (Head Office)

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BRISBANE

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WESTERN AUSTRALIA

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Bambach Item Code	Conductor CSA mm ²	Conductor Stranding No of Strands/mm	Nom Ø	Current Rating [†] Amps	Weight kg/km
26697	0.5	16/0.20	2.3	10	10
26698	0.75	24/0.20	2.5	16	14
26699	1	32/0.20	2.7	26	17
26700	1.5	30/0.25	3.0	32	21
26701	2.5	50/0.25	3.4	43	32
26702	4	56/0.30	4.0	57	47
26703	6	84/0.30	4.7	73	68
26704	10	140/0.30	5.8	102	109
26705	16	224/0.30	6.9	135	168
26706	25	350/0.30	8.8	178	264
26707	35	1121/0.20	10.2	221	365
26708	50	1568/0.20	12.6	279	509
26709	70	2226/0.20	15.7	351	734
26710	95	3021/0.20	17.1	422	959
26711	120	3800/0.20	18.4	500	1197

[†]Current ratings based on AS/NZS3008.1.1:2009 Table 6 column 3

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