

REF NO. 860087

DATE: 04.08.98

DESCRIPTION : 20 x 0.22mm²

CONFORMS TO: DEF STAN 61-12 (Part 4) Issue 3, 7-2-20C

MECHANICAL DATA

- 1.1. Inner Conductor: 7 x 0.20 mm diameter tinned copper wire.
- 1.2. Insulation: 1.20 mm diameter PVC
- 1.3. Screen(s): Overall lay of plain Polyester tape beneath a 0.15 mm diameter tinned copper braid, 91% optical coverage.
- 1.4. Construction: Cable together 20 cores with suitable fillers to make round.
- 1.5. Jacket: PVC
- 1.6. Overall Diameter: 8.60±0.20 mm
- 1.7. Weight: 123 kg/km
- 1.8. Marking:
- 1.9. Other details:
- 1.10 Drawing Reference:

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ELECTRICAL DATA

2.1	Impedance:			ohms
2.2.	Capacitance(s):			pF/m
2.3.	Resistance:			
2.3.1.:	Inner Conductor(s):	82		ohms/km
2.3.2.:	Outer Conductor(s): /screens	7		ohms/km
2.4.	Attenuation:	f (MHz)		db/100m
2.5.	Velocity Ratio:			
2.6.	Other Details:			

MATERIAL SAFETY DATA (1)**3.1 Hazards Identification.**

Normal conditions of use: Non applicable.

Abnormal conditions: The molten insulation/sheath may cause burns on contact with skin.
Toxic fumes will be produced if the cable is heated above 190°C for extended periods of time.
The product is combustible and will produce toxic fumes in a fire.
The product may auto ignite at temperatures above 300°C.

Notes (1) All materials (excluding abnormal conditions) are generally safe to handle with minimal protective measures. However they may cause skin irritation in susceptible persons e.g. those with pre-existing skin conditions.
(2) There may be increased or additional hazards arising from the use of other substances during installation or maintenance of this product when such work is outside the control of the cable maker or necessitated by abnormal working conditions.

3.2. First aid Measures:

Inhalation: Not applicable.

Skin Contact: In the event of any irritation, wash with soap and water.
Contact with Hot/Burning materials will burn. Cool the affected area with clear water. Do not remove cooled materials. Obtain immediate medical attention.

Eye Contact: Not applicable.

Ingestion: Some risk of oral toxicity due to presence of metal salt stabilizers in sheath, however these are not readily extracted from the compound hence the risk is not applicable

3.3. Fire Fighting Measures.

Suitable extinguishable media: Most available foam, dry chemicals, CO₂, or water spray extinguishing systems will be effective. Local fire Authority advice should be sought.

Exposure hazards: Thermal decomposition or burning will release toxic and corrosive hydrogen chloric gas together with dense smoke and fumes. When the fire has been extinguished, ventilation should be increased to clear fumes and affected areas should be checked down for removal of corrosive decomposed equipment etc. Product may provide fire propagation path.

Protective Equipment for fire fighters: Full acid resistant protective clothing.
Full breathing apparatus in areas contaminated with smoke or fumes.

MATERIAL SAFETY DATA (2)

- 3.4. Accidental Release Measures.
Not applicable
- 3.5. Handling and Storage.
None applicable.
- 3.6. Exposure Controls/Personal Protection.
Engineering measures: Not applicable.
Personal protection: Gloves recommended for persons with sensitive skin and when using any supplementary cleaning agents.
Good personal hygiene required.
Do not eat, drink, or smoke when handling the product.
- 3.7. Toxicology Information.
Ingestion: This product is not classified hazardous to health according to available data.
Skin: This product is not classified hazardous to health according to available data.
- 3.8. Ecological Information.
Mobility: Not mobile.
Degradability: Non Biodegradable.
Accumulation: No potential for bioaccumulation or biomagnification.
Ecotoxicity: No short or long term effects.
- 3.9. Disposal Considerations.
Waste incineration with the approval of the regulatory authority.
- 3.10. Regulatory Information.
Symbols of danger: None.
Risk phrases: None.
Safety phrases: S20/S21 When using do not eat, drink or smoke.
Occupational Exposure Limits: (O.E.L.) None.

This Material Safety Data is based on our current level of knowledge and relates to the product in the state in which it was delivered. It is intended to describe our products from the point of view of safety requirements and it is not intended to guarantee any particular properties. Should amendments become necessary, these will be published in future issues/orders and forwarded to your organization.