(20 ± 5) mm		ASTM-B298 Full spec (susceptibility to corrosion, elongation, direction of layers, joints, resistivity) 8 production units 152mm each 1 - Initial cleaning: 3 minutes immersion into a suitable organic solvent. 2 - Samples are dried with a cloth and kept fry in a different clean cloth 3 - Two different solutions are prepared: a) Sodium Polysulfide solution, temperature 15.6 to 21°C b) Hydrochloric Acid solution		Then, bot	1 test sample 203 h conductor and rod :	conductor exposed		
200±50mm each: throl) red on 20±5mm (200 ± 50)		8 production units 152mm each 1 - Initial cleaning: 3 minutes immersion into a suitable organic solvent. 2 - Samples are dried with a cloth and kept fry in a different clean cloth 3 - Two different solutions are prepared: a) Sodium Polysulfide solution, temperature 15.6 to 21ºC		Then, bot	1 test sample 203 h conductor and rod :	3.2 to 406.4mm (8-16 in), attache are introduced into a shrinkable conductor exposed	ed to a polyethilene rod.	
throl) (200 ± 50) (200 ± 50) (200 ± 50) Image: standard wire or cable sample: Image: standard		 Initial cleaning: 3 minutes immersion into a suitable organic solvent. Samples are dried with a cloth and kept fry in a different clean cloth Two different solutions are prepared: a) Sodium Polysulfide solution, temperature 15.6 to 21ºC 			h conductor and rod i	are introduced into a shrinkable conductor exposed		
cable sample Rabber stopper	Copper size	 2- Samples are dried with a cloth and kept fry in a different clean cloth 3- Two different solutions are prepared: a) Sodium Polysulfide solution, temperature 15.6 to 21°C 	S	Same set-i	up than ECSS-Q-ST-7(0-20		
aration Test ment (2): 5) m Control value at (2): 5) m Control value at (3): 5) m Control value at (3): 5) m Control value at (3)		2- Samples are dried with a cloth and kept fry in a different clean cloth 3- Two different solutions are prepared: a) Sodium Polysulfide solution, temperature 15.6 to 21°C			Same set-up than ECSS-Q-ST-70-20			
		2- Wash samples in clean water and wipe them dry 3- Immerse samples in solution b) for 15s. 4- Wash samples in clean water and wipe them dry	240 hours					
is removed after exposure and s	amples are inspected within 3h after removal	Unaided eye against white background	F	Polyethile	20x magnification Polyethilene jacket is removed after exposure and samples are inspected within 3h after removal from the equipment			
	ctent of corrosion 19 strands			Codificatio Code	on of corrosion on 5 l	evels: Extent of corrosion 7 strands	Extent of corrosion 19 strands	
strands								
defect 2 to 3 strands in one or more locations along the sample On 2 to 8 adjacent strands				0	None Minor defect	On 1 or 2 adjacent strands in one location along the length of the sample	On 1 or 2 adjacent strands in one location along the length of the sample.	
length are arrected. lei	ngth. n 2 to 8 adjacent strands in a few locations along sample		nples are	2	Minor defect	On 2 to 3 adjacent strands in one location along sample length	On 2 to 8 adjacent strands in one location along the sample length.	
Corrosion affects 4 or more strands (more than 50 %) at	a 2 to 10 adjacent strands in several locations along mple length.	- If 1-2 samples out of 8 fail→ testing of 8 additional samples		3	Minor defect	On 2 to 3 strands in two to three locations along	On 2 to 8 strands in two to three locations along the sample length.	
5 Major the same sample length. Severe corrosion affecting more than 50 % of (reject) defect the same sample length. Strands from any conductor, in any location.	ands from any conductor, in any location.			4 (reject)	Major defect	On >4 adjacent strands in four or more locations	On 2 to 10 strands in four or more locations along the sample length.	
				5 (reject)	Major defect	Severe corrosion affecting more than 50 % of the total strands from the	Severe corrosion affecting more than 50 % of the total strands from the conductor, in any one location.	
						location.		
c	Extent of corrosion 7 Extands of corrosion 7 Extands of corrosion 7 Corrosion 7 Corrosion along the sample length are affected.	Extent of corrosion 7 strands Extent of corrosion 19 strands 2 to 3 strands in one or more locations along the sample length are affected. One point on 1 or 2 adjacent strands. On 2 to 8 adjacent strands in one location along sample length. On 2 to 8 adjacent strands in a few locations along sample length. Corrosion affects 4 or more strands (more than 50 %) at the same sample length. On 2 to 10 adjacent strands in several locations along sample length. Severe corrosion affecting more than 50 % of the total Severe corrosion affecting more than 50 % of the total	Extent of corrosion 7 strands Extent of corrosion 19 strands 2 to 3 strands in one or more locations along the sample length are affected. One point on 1 or 2 adjacent strands. 0 A to 8 adjacent strands in one location along sample length. On 2 to 8 adjacent strands in a few locations along sample length. Corrosion affects 4 or more strands (more than 50%) at the same sample length. On 2 to 0 adjacent strands in several locations along sample length.	Extent of corrosion 7 strands Extent of corrosion 19 strands 2 to 3 strands in one or more locations along the sample ength are affected. One point on 1 or 2 adjacent strands. 0 A 2 to 8 adjacent strands in one location along sample length. One z to 8 adjacent strands in several locations along sample length. Corrosion affects 4 or more strands (more than 50 %) at the same sample length. On 2 to 10 adjacent strands in several locations along sample length.	Extent of corrosion 7 strands Extent of corrosion 19 strands Code 2 to 3 strands in one or more locations along the sample length. One point on 1 or 2 adjacent strands. 0 0 1 0 0 A 2 to 8 adjacent strands in one location along sample length. On 2 to 8 adjacent strands in a few locations along sample length. Blackening exposed copper is revealed through the openings in the silver coating -> samples are considered failed. 2 Corrosion affects 4 or more strands (more than 50% sig). On 2 to 10 adjacent strands in several locations along sample length. Blackening exposed copper is revealed through the openings in the silver coating -> samples are considered failed. 3 1 f -2 samples out of 8 fail -> testing of 8 additional samples strands (more than 50% sig). 1 3 2 samples of the first 8 fail or any sample from second 8 fails -> lot is considered failed. 4 (reject)	Extent of corrosion 7 strands Extent of corrosion 19 strands 2 to 3 strands in one or more locations along the sample length. One point on 1 or 2 adjacent strands. One point on 1 or 2 adjacent strands. 0 None 0 1 to 3 adjacent strands in one or corrosion affects 4 or more strands (more than 50%) of the same sample length. On 2 to 3 adjacent strands in several locations along sample length. Blackening exposed copper is revealed through the openings in the silver coating -> samples are considered failed. 0 Ninor defect 0 Corrosion affects 4 or more strands (more than 50%) of the same sample length. On 2 to 1 adjacent strands in several locations along sample length. -1 f 1 2 samples out of 8 fail-> testing of 8 additional samples -1 f -2 samples out of 8 fail-> testing of 8 additional samples -1 f -2 samples of the first 8 fail or any sample from second 8 fails-> lot is considered failed 3 Minor defect (reject) 4 (reject) Major defect -1 <td>Extent of corrosion 7 strands Extent of corrosion 19 strands Extent of corrosion 19 strands 2 to 3 strands in one or more locations along the sample length. One point on 1 or 2 adjacent strands. One point on 1 or 2 adjacent strands. On 1 or 2 adjacent strands. 0 to 8 adjacent strands in one location along sample length. On 2 to 8 adjacent strands in several locations along strands (more than 50%) at the same sample length. 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