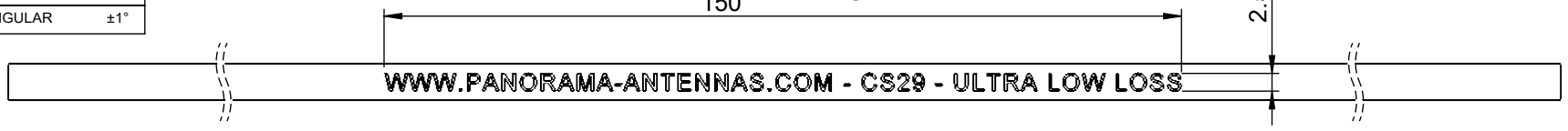


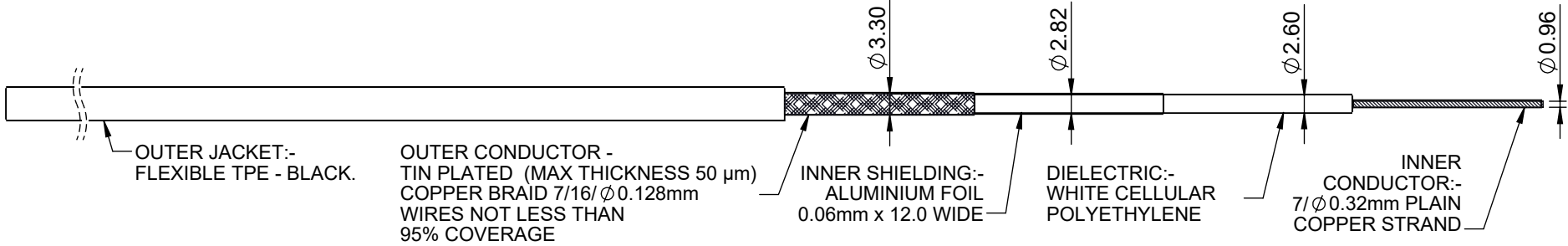
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220  
150 PRINTING



WHITE TEXT TO BE PRINTED ON BLACK CABLE SHEATH AT REGULAR 400mm-600mm INTERVALS AS SHOWN - SEE NOTE 3.

IMPORTANT DIM.  $\phi$  5.10  
MOULD LOCATION



**5**

CABLE SPECIFICATION VALUES:

1. CHARACTERISTIC IMPEDANCE:-  
50Ω ±2Ω @ 1GHz  
50Ω ±4Ω @ 2GHz
2. ATTENUATION:-  
NO GREATER THAN 4dB PER 10m AT 1 GHz.  
NO GREATER THAN 5.5dB PER 10m AT 2GHz.
3. BRAID RESISTANCE PER 10m LESS THAN 160mΩ.
4. SHIELDING EFFECTIVENESS ACCORDING TO IEC61196 TO BE < -85dB AT 30-10000 MHz.

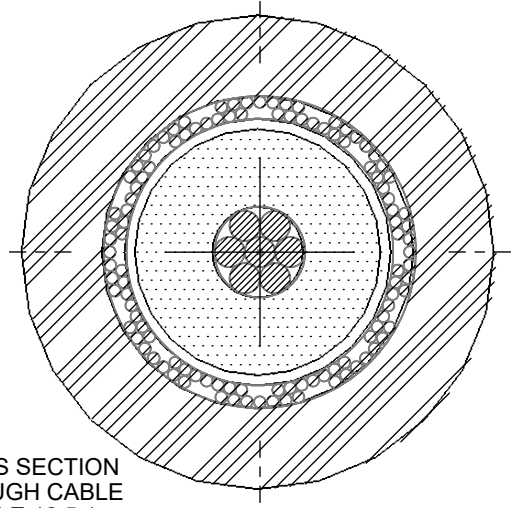
SPECIFICATION NOTES:

1. ELECTRICAL TEST - EACH CABLE. CENTRE CONDUCTOR/OUTER SCREEN ISOLATION 1KV MIN. CENTRE CONDUCTOR END TO END TEST.
2. TENSILE PULL TEST SAMPLE/ASSEMBLY PER 3000 BATCH. PULLING LOAD - CONNECTOR BODY - 5Kg. PULLING LOAD - CENTRE PIN - 2Kg.
3. CS29 CABLE PERFORMANCE TEST SAMPLE PER 10000 m BATCH. IMPEDANCE 50Ω ±2Ω @ 1GHz. & 50Ω ±4Ω @ 2GHz. LOSS NO GREATER THAN 0.4dB/m @ 1GHz. & 0.55dB/m @ 2GHz.

**5**

GENERAL NOTES:-

1. ALL MATERIALS SUPPLIED MUST BE RoHS2 (DIRECTIVE 2011/65/EU) COMPLIANT AND MUST NOT CONTAIN ANY SUBSTANCES OF VERY HIGH CONCERN (SVHCs) LISTED UNDER REACH OR POLY-AROMATIC HYDROCARBONS (PAHs), OR PERSISTENT ORGANIC POLLUTANTS (POPs) CONTROLLED BY THE STOCKHOLM CONVENTION.
2. CABLE SHEATH TO BE BLACK, UV STABILISED PACREL 6385N TPE.
3. PRINTING MUST BE DURABLE AND ENVIRONMENTALLY RESISTANT.
4. CONNECTORS MUST CONFORM TO STANDARD INTERFACE DIMENSIONS.
5. SAMPLES MUST BE APPROVED BY PANORAMA ANTENNAS Q.C. BEFORE COMMENCING PRODUCTION.
6. IN ORDER TO ASSURE COMPLIANCE WITH THE U.S. DODD-FRANK ACT (SECTION 1502) TIN, GOLD, TANTALUM & TUNGSTEN CONTAINED IN PANORAMA PRODUCTS MUST BE FULLY TRACEABLE TO A SMELTER APPROVED BY THE CONFLICT FREE SOURCING INITIATIVE ([www.conflictreesmelter.org](http://www.conflictreesmelter.org))



CROSS SECTION THROUGH CABLE  
SCALE 12.5:1

		PRODUCT/ASSEMBLY CABLES AND CABLE ASSEMBLIES		DESCRIPTION ULTRA LOW LOSS DOUBLE SHIELDED 50Ω 5mm COAX CABLE - BLACK.	
		MATERIAL SEE NOTES			
01019	4	NOTES UPDATED	13/02/2014	AT	FINISH
01019	5	NOTES UPDATED WHERE INDICATED.	08/02/2017	AR	SEE DRAWING
PCN	REV.	DESCRIPTION	DATE	DRN	WEIGHT 13.51g SHEET 1 OF 1
			APPROVED	KD	D.O.CHECK PE SCALE 1:1 DIMENSIONS IN mm
<b>PANORAMA ANTENNAS</b>					