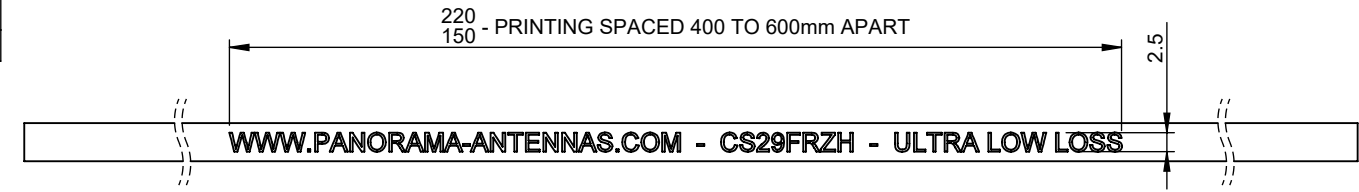
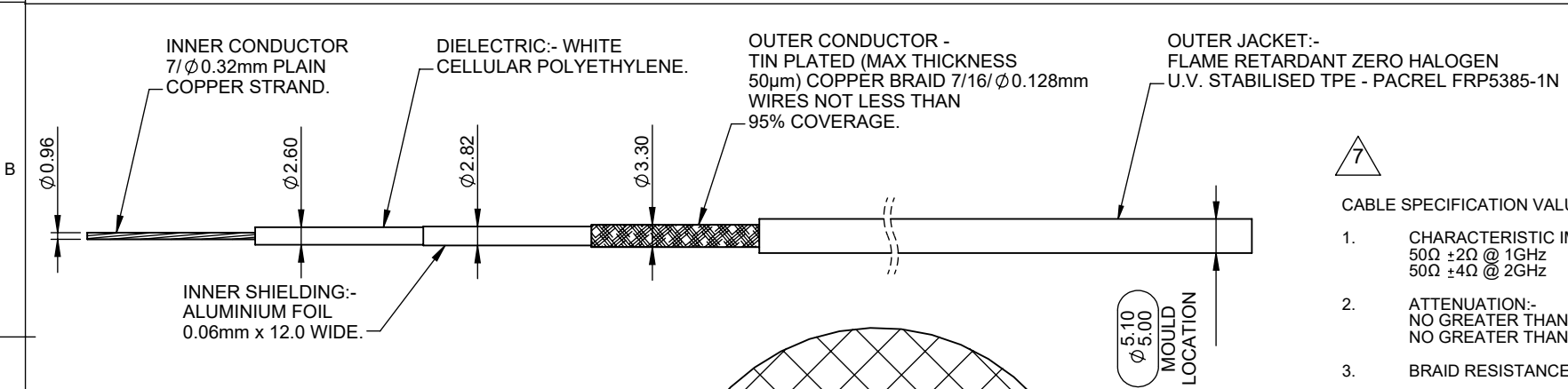


TOLERANCES UNLESS OTHERWISE STATED

0 DEC. PLACE	±0.5	2 DEC. PLACES	±0.1
1 DEC. PLACE	±0.2	ANGULAR	±1°



TEXT TO BE PRINTED IN WHITE ON CABLE SHEATH AT REGULAR INTERVALS AS SHOWN.

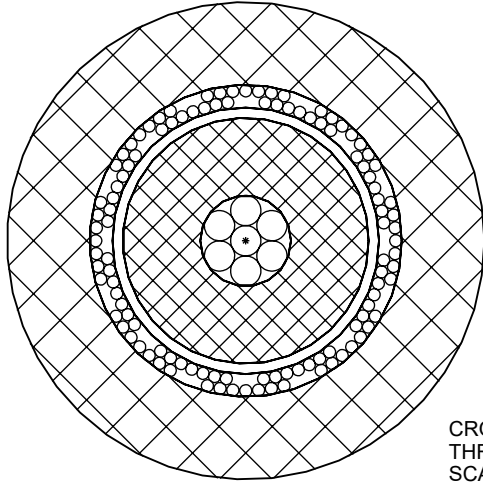


CABLE SPECIFICATION VALUES:

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

SPECIFICATION NOTES:

- ELECTRICAL TEST - EACH CABLE. CENTRE CONDUCTOR/OUTER SCREEN ISOLATION 1KV MIN. CENTRE CONDUCTOR END TO END TEST.
- TENSILE PULL TEST SAMPLE/ASSEMBLY PER 3000 BATCH. PULLING LOAD - CONNECTOR BODY - 5Kg. PULLING LOAD - CENTRE PIN - 2Kg.
- 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.



CROSS SECTION THROUGH CABLE SCALE 12.5:1



GENERAL NOTES:-

- 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.
- CABLE SHEATH TO BE BLACK, U.V. STABILISED TPE - PACREL FRP5385-1N.
- PRINTING MUST BE DURABLE AND ENVIRONMENTALLY RESISTANT.
- CONNECTORS MUST CONFORM TO STANDARD INTERFACE DIMENSIONS.
- SAMPLES MUST BE APPROVED BY PANORAMA ANTENNAS Q.C. BEFORE COMMENCING PRODUCTION.
- 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.conflictfreesmelter.org)

PCN	REV.	DESCRIPTION	DATE	DRN.	WEIGHT	SHEET
01019	6	JACKET MATERIAL UPDATED	30/11/2015	PE	39.2g/mg	1 OF 1
01019	7	NOTES UPDATED WHERE INDICATED.	08/02/2017	AR		

PRODUCT/ASSEMBLY		CABLES AND CABLE ASSEMBLIES			
MATERIAL		N/A			
FINISH		N/A			
APPROVED	D.O.CHECK	SCALE	DIMENSIONS		
KD	IC	1:1	IN mm		

A

B

C

D