3RD ANGLE PROJECTION	DO NOT SCALE	DENOTES LATEST ISSUE CHANGES	DENOTES CRITICAL VALUE	© 2017 A4	THIS DOCUMENT MUST NOT BE COPIED OR DISCLOSED TO A THIRD PARTY WITHOUT THE WRITTEN CONSENT OF PANORAMA ANTENNAS LTD.	DRG. No.	SR1-029-FRZH-B

TOLERANCES UNLESS OTHERWISE STATED			
0 DEC. PLACE	±0.5	2 DEC. PLACES	±0.1
1 DEC. PLACE	±0.2	ANGULAR	±1°

250
200 PRINTING SPACED 400 TO 600mm APART

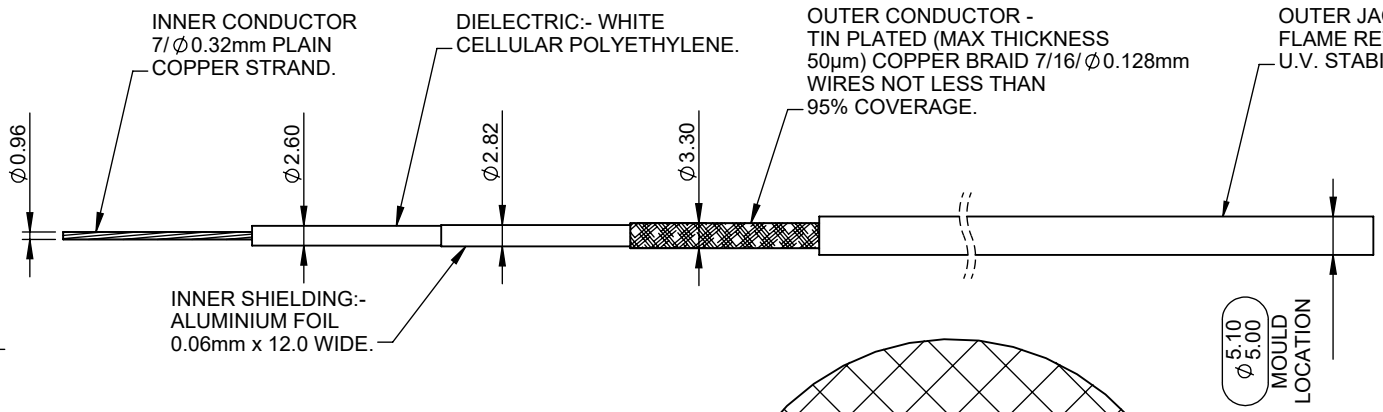
BATCH NUMBER TO BE PRINTED IN THIS POSITION. REFER TO PURCHASE ORDER

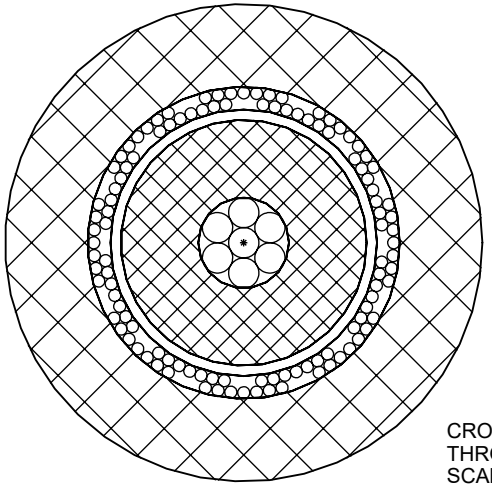
2.5

WWW.PANORAMA-ANTENNAS.COM - CS29FRZH - ULTRA LOW LOSS - XXXXXXXXX - XX/XX

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

MANUFACTURING MONTH AND YEAR TO BE PRINTED IN THIS POSITION IN MM/YY FORMAT.





CROSS SECTION THROUGH CABLE
SCALE 12.5:1

GENERAL NOTES:-

1. ALL MATERIALS SUPPLIED MUST BE RoHS3 (DIRECTIVE (EU) 2015/863) 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, U.V. STABILISED TPE - PACREL FRP5385B-1. 9
3. PRINTING MUST BE DURABLE AND ENVIRONMENTALLY RESISTANT.
4. SAMPLES MUST BE APPROVED BY PANORAMA ANTENNAS Q.C. BEFORE COMMENCING PRODUCTION.
5. 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)

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.

PCN	REV.	DESCRIPTION	DATE	DRN.
01019	6	JACKET MATERIAL UPDATED	30/11/2015	PE
01019	7	NOTES UPDATED WHERE INDICATED.	08/02/2017	AR
01019	8	PRINTING UPDATE	21/02/2020	AR
01019	9	MATERIAL CHANGE	28/04/2020	AR

PRODUCT/ASSEMBLY: 2005 - CABLES AND CABLE ASSEMBLIES
MATERIAL: N/A
FINISH: N/A
WEIGHT 39.2g/mg
SHEET 1 OF 2

DESCRIPTION: ULTRA LOW LOSS DOUBLE SHIELDED 50OHM 5mm COAX CABLE FLAME RETARDANT. ZERO HALOGEN - BLACK

APPROVED	D.O.CHECK	SCALE	DIMENSIONS IN mm
KD	PE	1:1	

PANORAMA ANTENNAS