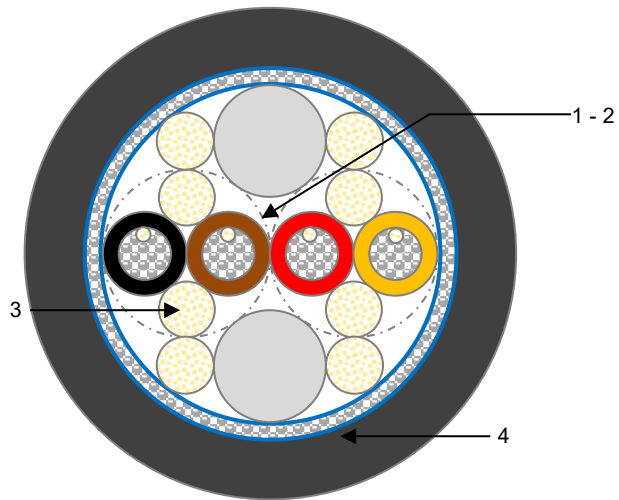


Part No: AGI006



No	Description	Colr	Dia mm
1 2	2 Position Twisted Pairs 1.00mm ² (32/0.20mm) Tinned Copper HDPE Insulated to 2.10mm. Each Conductor with a single water swellable yarn longitudinally under the insulation. 2 no twisted together with water-swappable yarns in interstices.	BK/BN RD/OR	4.20
3	Lay Up and Overall Screen Items 1 – 2 twisted together with Solid Polyolefin fillers and water-swappable yarns in interstices. Overall Helical water-swappable tape, minimum overlap 30%. Overall 0.20mm Tinned Copper wire braid, 95% Optical coverage. Overall water-swappable tape, minimum overlap 30%	N/A	9.50
4	Jacket Polyether Polyurethane 82 Shore A UL94 V-0 Flame Retardant Halogen Free 1.50mm nom RTI	BK	12.50 +/- 0.50

Notes	
Electrical Characteristics	
Nominal Conductor Resistance	20.10 Ω/KM @ 20°C
Minimum Insulation Resistance	
Core – Core	>900 MΩ/KM @ 500V
Core – Screen	>500 MΩ/KM @ 500V
Max Recommended Voltage	500 V
Max Recommended Current / Conductor	11 A
Mechanical Characteristics	
Maximum Operating Temp	
Static	+90°C
Dynamic	+80°C
Cold Flex Temp	-40°C
Min Recommended Bend Radius	
Static	50 mm
Dynamic	110 mm
Nominal Weight	209 KG/KM

05	Change Jacket grade to V0	AJK	29/10/19	IB	29/10/19
04	Water-Block Conductors	AJK	29/11/16	IB	29/11/16
03	Revise Cable Water Blocking Options	SMO	29/09/16	IB	06/10/16
02	Revise Water Block, New Template	SMO	14/08/15		
01	Issue Part Code	CH	05/12/13	IB	05/12/13
ISSUE	DESCRIPTION	DRWN	DATE	APPD	DATE

This document is the property of Concept Cables Ltd and must not be copied, modified, re-printed or otherwise disclosed to any third party without written permission



TITLE	4C-2UTP-WB-B-PU 12.30 BK
DESCRIPTION	
CUSTOMER	