

TECHNICAL PARTICULARS & GUARANTEES

DUPLEX CABLE(AWG NO 4)

T- 2595 (WHIPPET)

PHASE CORE

*	Material	→	Aluminium 1350(H19)
*	Conductor Size	→	# 4 AWG
*	Nominal Area	→	21.2 mm ²
*	Number Of Aluminium Wire	→	7
*	Shape of the Conductor	→	Stranded Compressed
*	Compressed Dia.	(nominal) →	5.72 mm
*	Rated Strength	min →	3.91 kN
*	Lay Direction	→	Z (Right Hand)
*	Phase Core Lay Factor	(Min.) →	8
		(Max.) →	16
*	Calculated D.C. Resistance At 20 ⁰ C	(Max.) →	1.36 Ω/km
*	Insulation Material	→	XLPE
*	Insulation Colour	→	Black
*	Insulation Thickness	avg. →	1.1 mm
*	Insulation Thickness	Min. →	1.0 mm
*	Core Identification	→	Plain

NEUTRAL CORE

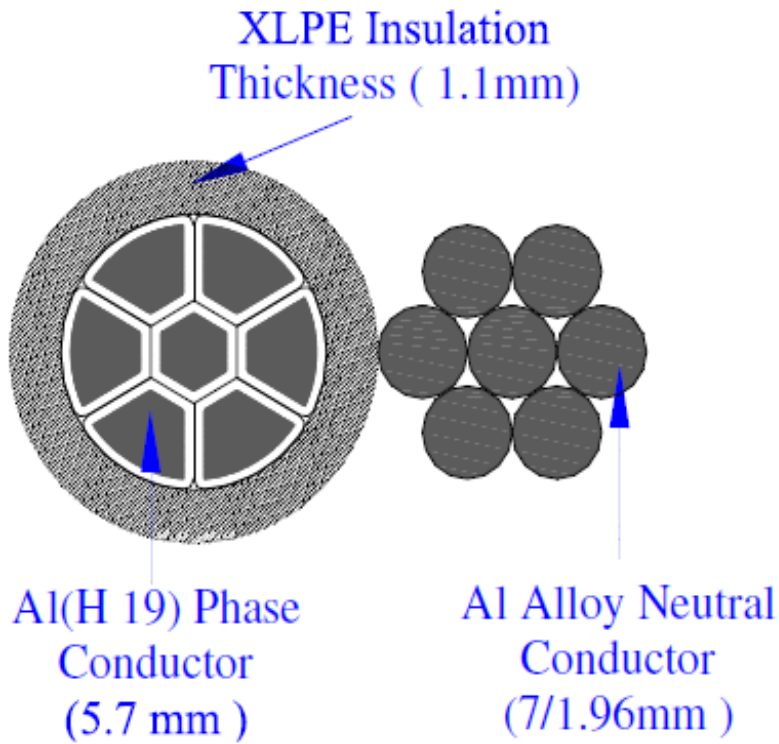
*	Material	→	Aluminium Alloy-6201
*	Conductor Size	→	# 4 AWG
*	Nominal Area	→	21.2 mm ²
*	Construction	→	7/1.96 mm
*	Shape of the Conductor	→	Circular Stranded
*	Rated Strength	min →	6.69 kN
*	Lay Direction	→	Z (Right Hand)
*	Neutral Core Lay Factor	(Min.) →	10
		(Max.) →	16
*	Calculated D.C. Resistance At 20 ⁰ C	(Max.) →	1.586 Ω/km
*	Core Identification	→	Bare

COMPLETE CABLE

*	Maximum Lay Pitch	cm →	80
*	Lay Direction	→	Z (Right Hand)
*	Marking To Be Engraved	→	Manufacturer's Name in 1 m Interval

ALLIED CABLES LTD

ACL(C):QF:02:06:04



All dimensions are in mm

**Allied
Cables**

Al / XLPE Duplex Cable 4 AWG

ITEM CODE : T-2595 (WHIPPET)

CHECKED : Eng.Ex. APPROVED : EE(TSD)

DATE : 23-May-14 SCALE : not to scale