

0.6/1KV RFOU & RFCU [LV FLAME RETARDANT POWER or CONTROL CABLES]



- ≡ Voltage Rating : 0.6/1KV
- ≡ Max. Conductor Temperature : 90°C
- ≡ Applied Standard
 - Base Std. : NEK 606 3rd, IEC 60092-350.353
 - Insulation : IEC 60092-351 EPR (O.I : Min.26)
 - Sheath : IEC 60092-359 SHF2 (O.I : Min.32)
 - Flame retardant : IEC 60332-3 (Cat.A, A/F)
 - HCl gas emission : IEC 60754-1 (Max.0.5%)
 - Smoke emission : IEC 61034 (Min.60%)
 - Oxygen index : ASTM 2863
 - Sunlight resistance : UL1581
- ≡ Cable Identification
 - Insulation
 - 1C : White
 - 2C +E : Red, Black, Green/Yellow
 - 3C +E : Red, White, Blue, Green/Yellow
 - 4C +E : Red, White, Blue, Black, Green/Yellow
 - Control cable: White with core number, Green/Yellow
 - Outer Sheath : Orange

CONSTRUCTION DETAIL

	Detail
1.Conductor	Stranded Tinned copper, Class 2 or Class 5(for Bridge cables) as per IEC 60228
2.Separator	If necessary
3.Insulation	EPR as per IEC 60092-351
4.Filler	If necessary
5.Binder tape	If necessary
6.Inner covering	SHF2 as per IEC 60092-359
7. Armor	Type RFOU: Tinned copper wire braid armor for single core cables Type RFCU: Galvanized steel wire braid for multi core cables * Suitable separator tapes under or over the armor
8. Sheath	SHF2 as per IEC 60092-359

≡ Cable Marking

- Ex 1. LP252 0.6/1KV RFCU 3C X 185SQMM + 70SQMM LS CABLE [YEAR] IEC 60332-3A [LENGTH MARKING]