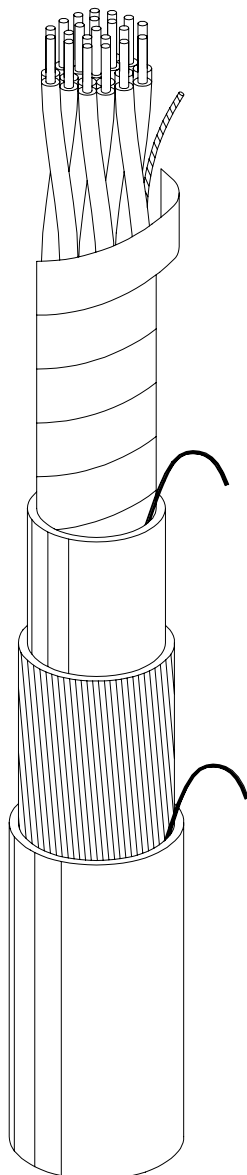


INSTRUMENT CABLE

PVC insulated, overall shielded, armoured; 105°C(UL Listed)



Features:

- Flame retardant and not-propagating
- NEC art. 725, Class 2 & 3 electrical circuits and Class 1 Division 2 hazardous locations
- Resistant to acids, alkalis, oils, weather and sunlight

Applications:

- Suitable for direct burial applications
- Suitable for suspension and vertical drop applications

Specifications:

Construction

Conductors	:	0,56 mm ² (20 AWG) 7 strands, high conductivity bare copper wire, class B
Insulation Construction	:	105° PVC, 0,4 mm nominal twisted, pairs or triads
Lay of twist	:	pairs 35 to 60 mm staggered triads 50 to 75 mm staggered
Communication wire	:	0,35 mm ² (22 AWG), 7 strands copper, PVC insulated
Cable shield	:	0,05 mm polyester-backed aluminium tape and 0,05 mm polyester separation tape, 100% coverage and 35% overlap
Cable drain wire	:	0,56 mm ² (20 AWG), 7 strands, tinned copper
Inner jacket	:	90°C PVC
Armour	:	galvanized steel wire, 80% coverage
Outer jacket	:	90°C PVC
Group identification	:	each pair or triad numbered
Standard colour code	:	pairs : black, white triads: black, white, red jacket : black

Electrical/Physical

Insulation passes 3000 V AC spark test.		
Completed construction passes a dielectric test of 2500 V AC for 10 sec (conductor to conductor and conductor to shield).		
Conductor resistance	:	30,6 Ohm/km nominal at 20°C
Capacitance (conductor to conductor)	:	90 nF/km nominal
Inductance	:	less than 1 mH/km
Circuit voltage rating	:	300 V max.
Operation temperature (max.)	:	insulation 105°C, jacket 90°C
Lower flexibility limit	:	-15°C

Ordering code:

Flame test : flame retardant as per IPCEA S-61-402 and IEEE-383

Option

600 V rating (not UL listed)

For pairs : UP/ALPWPTWK - □ - 20F - BX

For triads : UP/ALPWPTWK - □ - 20F - BX triad

Select number of pairs.
Other colour on request.