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THE POWER OF PEOPLE



RANGE OF PRODUCTS

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2022



AN ISO 9001:2008/14001:2004 COMPANY

THE QUALITY
REKOLUTION

RESIDENTIAL WIRES

HRFR

HEAT RESISTANCE AND FLAME RETARDANT



FEATURES

- ▶ 20% HIGHER CURRENT CARRYING CAPACITY
- ▶ 20% HIGHER TEMPERATURE RATING
- ▶ INDUSTRIAL CABLE 1100 VOLT
- ▶ FR PVC INSULATED(COPPER CONDUCTOR)
- ▶ ANNEALED COPPER ETP GRADE
- ▶ 101% CONDUCTIVITY

FRLS

FLAME RETARDANT LOW SMOKE



FEATURES

- ▶ THE OXYGEN INDEX OF CABLES SHALL BE MORE THAN 30 % AT 27°C + 2°C
- ▶ TEMPERATURE INDEX SHALL BE MORE THAN 250°C
- ▶ CABLES SHALL HAVE SMOKE DENSITY OF LESS THAN 50 % MAX.
- ▶ THESE HIGH SAFETY FIRE SURVIVAL CABLES FOR FIRE PRONE AREAS CAN HARDLY OVERHEAT.
- ▶ EXCELLENT RESISTANT TO TARNISHING OF COPPER.

ZHFR

ZERO HALOGEN FLAME RETARDANT



FEATURES

- ▶ ZERO HALOGEN ACID GAS EVOLUTION.
- ▶ EXCELLENT STABILITY TO EXTREMES OF TEMPERATURE
- ▶ HALOGEN FREE.
- ▶ LONGER FLEXIBLE LIFE.
- ▶ EXCELLENT RESISTANT TO MOISTURE, GREASE AND OIL.
- ▶ LOW SPECIFIC GRAVITY
- ▶ MADE OF NON TOXIC POLYMER.

▶ ROUND MULTICORE CABLES

FLEXIBLE CABLES



FEATURES

- ▶ USED MAINLY IN BUILDING CONSTRUCTION
- ▶ PVC INSULATED WITH CHOICE OF FR/FRLS/ZERO HALOGEN IS:694
- ▶ TEMPERATURE 15° TO + 105°C
- ▶ MULTISTRAND FLEXIBLE CONSTRUCTION
- ▶ MULTICORE
- ▶ COPPER MULTISTRAND SINGLE CORE
- ▶ WORKING VOLTAGE UPTO 1100V

▶ SERVICE WIRE

WELDING CABLES



FEATURES

- ▶ FLAME RETARDANT, OIL RESISTANT, COMPRESSION CUT RESISTANT
- ▶ DURABLE: SURVIVE ROUGH HANDLING
- ▶ FULLY INSULATED SLENDER CABLES
- ▶ LIGHT WEIGHT
- ▶ RELIABLE AND EFFICIENT
- ▶ SAFE AND SECURE
- ▶ THESE CABLES CAN CARRY SIGNALS UP TO 40 VOLTS

SOLID STRAND WIRE



FEATURES

- ▶ THE FLEXIBILITY OF ANY CONDUCTOR WILL INCREASE WITH THE NUMBER OF STRANDS.
- ▶ LESS SKIN EFFECT IN CASE OF LONGER AND HIGH VOLTAGE AND POWER TRANSMISSION
- ▶ MORE FLEXIBILITY
- ▶ EASY ROUTING & BENDING WITH LONGER FLEX LIFE IN MOTION APPLICATIONS
- ▶ LESS HEATING & SAFE CURRENT FLOW
- ▶ SUITABLE FOR CRIMP TERMINATION & PATCH CORDS CONNECTION

ALUMINIUM VIR WIRE

FEATURES



- ▶ LESS EXPENSIVE THAN A PURE ALUMINIUM WIRE
- ▶ LIGHTER THAN PURE ALUMINIUM
- ▶ HIGHER ELECTRICAL CONDUCTIVITY THAN PURE ALUMINIUM
- ▶ HIGHER STRENGTH THAN ALUMINIUM
- ▶ ELECTRICAL CONNECTIONS ARE TYPICALLY MORE RELIABLE THAN PURE ALUMINIUM
- ▶ TYPICALLY PRODUCED AS A 10% OR 15% BY ALUMINIUM VOLUME PRODUCT

ALUMINIUM TWIN CORE

FEATURES



- ▶ COATED WITH ANTI RESISTANT MATERIAL
- ▶ HIGH TENSILE STRENGTH
- ▶ HIGHER TEMPERATURE TO WITHSTAND EMERGENCY OVERLOAD
- ▶ DO NOT GET OVERHEATED
- ▶ LONG LASTING AND DURABLE
- ▶ ULTRA TOUGH, RESISTANT TO ABRASION AND HARSH WEATHER
- ▶ EXCELLENT MECHANICAL & ELECTRICAL PROPERTIES

SOLID SINGLE CORE

FEATURES



- ▶ PERFECT TERMINATION AND CONNECTION
- ▶ HIGH AMPACITY AS COMPARED TO STRANDED WIRE HAVING THE SAME SIZE
- ▶ CLEAR SOUND (LESS NOISE DUE TO LOW ATTENUATION) AND GOOD TRANSMISSION PERFORMANCE WITH HIGH FREQUENCIES
- ▶ LESSER RESISTANCE AND ANTI-CORROSIVE IN INDOOR/OUTDOOR APPLICATIONS
- ▶ LOW VOLTAGE DROP AND SUITABLE FOR LONG DISTANCE APPLICATIONS
- ▶ LESS COSTLY AS COMPARED TO STRANDED WIRES.

▶ AGRI & SOLAR CABLES

3CORE SUBMERSIBLE CABLES

FEATURES



- ▶ FLEXIBLE CABLE WITH SMOOTH & GLOSSY FINISH
- ▶ LOW OPERATING COST
- ▶ PROTECTION AGAINST INDEFINITE IMMERSION WATER.
- ▶ PROTECTION AGAINST RAIN-WATER AND AGAINST INGRESS OF SMALL SOLID FOREIGN BODIES.
- ▶ PRODUCED FROM BEST QUALITY ELECTROLYTIC COPPER.
- ▶ HIGHLY ABRASION RESISTANT PVC COMPOUND IMPERVIOUS TO GREASE, OIL AND WATER ETC.

4CORE SUBMERSIBLE CABLES

FEATURES



- ▶ GOOD INSULATION PROPERTIES WHEN SUBMERGED IN WATER
- ▶ AVAILABLE WITH ROHS PVC FOR DRINKING WATER PUMP
- ▶ EXCELLENT MECHANICAL & ELECTRICAL PROPERTIES
- ▶ TOUGH & FLEXIBLE CABLE WITH EXCELLENT MOISTURE, ABRASION & WEATHER RESISTANCE & EXCELLENT WEATHER AND MOISTURE RESISTANCE.
- ▶ WORKING VOLTAGE - 1100 VOLT

SOLAR CABLES

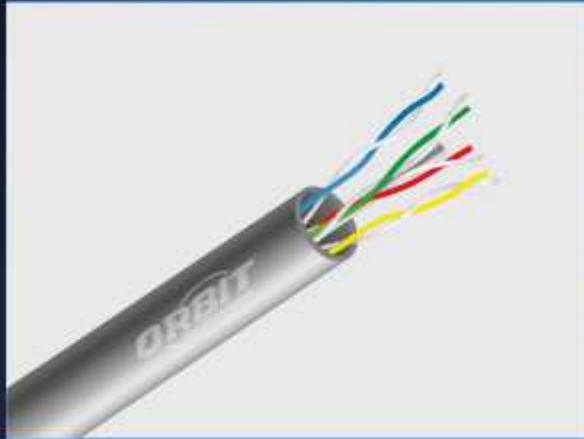
FEATURES



- ▶ WEATHER RESISTANT & UV RESISTANT.
- ▶ RESISTANT TO MINERAL OILS & CHEMICALS.
- ▶ RESISTANT TO ACIDS & ALKALINE.
- ▶ LASTS UP TO 30 YEARS EVEN UNDER TOUGH EXTERNAL CONDITIONS.
- ▶ FLAME RETARDANT, FIRE RETARDANT.
- ▶ FAST & EASY INSTALLATION WITH COLOR IDENTIFICATION.
- ▶ IN ACCORDANCE WITH NEW ENVIRONMENTAL REGULATIONS.

COMMUNICATION CABLE

LAN CABLES



FEATURES

- ▶ CAT 5E & CAT6 – TWISTED PAIR
- ▶ LOW ATTENUATION AND CROSS TALK
- ▶ LOW STRUCTURAL RETURN LOSS
- ▶ UNDERWRITERS LABORATORIES (UL) USA VERIFIES CABLES
- ▶ COMMERCIAL AND RESIDENTIAL USAGE
- ▶ INSULATED WITH HIGH QUALITY POLYETHYLENE AND UNSHIELDED LIGHT GREY PVC JACKET IMPROVED FIRE-RETARDANT PROPERTIES

CCTV CABLES



FEATURES

- ▶ ACCURACY IN POWER AND VIDEO SIGNAL TRANSMISSION
- ▶ 4+1 CCTV CABLE AND 3+1 CCTV CABLE
- ▶ TRANSMIT THE COMPLETE VIDEO FREQUENCY RANGE WITH MINIMUM DISTORTION OR ATTENUATION.
- ▶ DESIGNED TO OPTIMIZE THE QUALITY OF VIDEO SIGNALS.
- ▶ SOLID ANNEALED BARE COPPER CONDUCTOR OF ELECTROLYTIC GRADE ENSURES COMPLETE ELIMINATION OF MEI / RFI FROM THE VIDEO SIGNALS.

TELEPHONE CABLES



FEATURES

- ▶ 1 PAIR TO 100 PAIR X 0.40 MM, 0.50MM AND 0.63MM
- ▶ IN SOLID BARE CONDUCTOR WITH HDPE INSULATION AND FLAME RETARDANT JACKETING HAVING LOWER CROSS TALK ATTENUATION
- ▶ SPECIAL GRADE HIGH DENSITY POLYETHYLENE
- ▶ FLAME RETARDANT COMPOUND MADE FROM VIRGIN GRADE PVC RESIN
- ▶ TELECOMMUNICATION

SPEAKER CABLES

FEATURES



- ▶ TWIN PARALLEL 23/36, 23/38, 40/36 AND 40/38 & 1.5 SQ.MM
- ▶ SPEAKER CABLES WITH HIGH QUALITY OXYGEN FREE COPPER CONDUCTION ENSURING EXCELLENT SOUND QUALITY FOR YOUR EXPENSIVE SOUND SYSTEM
- ▶ SELECTING THE RIGHT GAUGE, LENGTH AND TYPE OF SPEAKER WIRE FOR YOUR SYSTEM HELPS AVOIDING MISMATCH WITH YOUR SOUND SYSTEM
- ▶ SPEAKER WIRES CARRY LOW VOLTAGE ELECTRIC CURRENT, ARE GRADED THE SAME WAY AS ELECTRIC WIRES, AND ARE MADE OF COPPER, A GOOD CONDUCTOR OF HEAT.

CO-AXIAL CABLES

FEATURES



- ▶ NITROGEN GAS INJECTED POLYETHELENE FOAM INSULATION
- ▶ COMPOSITE AI FOIL LAMINATED, AND AI ALLOY BRAIDED FOR LOW ATTENUATION WITH MINIMUM STRUCTURED RETURN LOSS
- ▶ GIVING CLEAR RECEPTION HIGHER BANDWIDTH COVERING THAN 100 CHANNELS
- ▶ IT HAS TWISTED PAIR WITH A SHIELD.
- ▶ IT HAS A CENTER CONDUCTOR COVERED WITH AN INSULATOR, THEN BRAIDED OR SOLID OUTER CONDUCTOR, AND THEN INSULATION.

FLEXIBLE CORD CABLES

FEATURES



- ▶ FLEXIBLE CABLE TYPES INCLUDE DPNP, TPNP, AND FPNP.
- ▶ RELIABILITY AS THEY FIT SPECIAL PARTS OF AN ELECTRICAL EQUIPMENT.
- ▶ THEY OFFER SPACE EFFECTIVENESS AS THEY CAN FIT AS CLOSE TO EACH OTHER AS POSSIBLE
- ▶ THEIR FLEXIBILITY ALLOWS THEM TO EASILY BEND TO FIT A PARTICULAR CONDITION
- ▶ THEY ARE RELATIVELY LIGHTWEIGHT AS THEY USE FEWER MATERIALS
- ▶ THEY ARE FIRE RETARDANT
- ▶ STRANDING CONDUCTORS IN LAYERS WHICH IS RELATIVELY CHEAPER

▶ ARMoured CABLES

SHIELDED CABLES



FEATURES

- ▶ INDUSTRIES SUCH AS RENEWABLE ENERGY /OIL & GAS
- ▶ DISTRIBUTION AND POWER NETWORKS
- ▶ AIRPORTS, MARINE, DEFENCE, TELECOM
- ▶ XLPE INSULATION, PVC INSULATION
- ▶ 1.5 CORE TO 24 CORE , 1.5&4 SQMM CONTROL CABLE RANGE
- ▶ ALUMINUM/COPPER CONDUCTOR

COPPER ARMoured CONTROL CABLES



FEATURES

- ▶ ULTRA CLEAN ROOMS FOR SEMI CONDUCTIVE MATERIAL
- ▶ PVC INSULATION BY CCV PROCESS WITH TRIPLE HEAD EXTRUSION
- ▶ SAFE & EASIER TO INSTALL
- ▶ LOW ON MAINTENANCE WHEN COMPARED TO OVER HEAD CONDUCTOR
- ▶ LONGER LIFE
- ▶ USED IN POWER GENERATION STATION

COPPER UNARMoured CONTROL CABLES



FEATURES

- ▶ STRANDED/SOLID COPPER/TINNED COPPER CONDUCTOR
- ▶ PVC INSULATED PAIR LAID UP SHIELDED INDIVIDUALLY OVERALL WITH WITH ATC DRAIN WIRE
- ▶ HIGH TEMPERATURE WITHSTANDING CAPACITY(1800C) FOR SILICON RUBBER
- ▶ AUTOMATION
- ▶ VARIOUS INDUSTRIES USED FOR PROCESS CONTROL

ALUMINIUM ARMoured CABLES

FEATURES



- ▶ ELECTRON BEAM CROSS-LINKED.
- ▶ ENHANCED MECHANICAL, ELECTRICAL, THERMAL WEATHERING PROPERTIES.
- ▶ SOLDERING IRON RESISTANT.
- ▶ RESISTANCE TO CORONA EFFECT.
- ▶ EASY JOINING TERMINATION.

ALUMINIUM UNARMoured CABLES

FEATURES



- ▶ ELECTRON BEAM CROSS LINKED.
- ▶ LOW DIRECT ELECTRIC LOSSES.
- ▶ HIGH CURRENT CARRYING CAPACITY.
- ▶ OPERATING TEMPERATURE: -15°C TO +120°C
- ▶ SHORT CIRCUIT TEMPERATURE: 280°C

ARMoured CONTROL CABLES

FEATURES



- ▶ ELIMINATE THE NEED FOR ELECTRICAL CONDUIT
- ▶ PROVIDE HIGHER MECHANICAL PROTECTION AND DURABILITY
- ▶ REQUIRE FEWER LABOR HOURS DURING INSTALLATION
- ▶ METAL-CLAD ARMOR RESISTS CORROSION, MAKING IT SUITABLE FOR AREAS EXPOSED TO MOISTURE.

UNARMoured CONTROL CABLES

FEATURES



- ▶ HIGHER CURRENT RATING: WITHSTANDS CONTINUOUS CONDUCTOR TEMPERATURE OF 90°C HIGHER CURRENT CARRY CAPACITY
- ▶ HIGHER SHORT CIRCUIT RATING: CAN WITHSTAND CONDUCTOR TEMPERATURES OF UP TO 250°C DURING A SHORT CIRCUIT
- ▶ BETTER IMPACT, ABRASION, CORROSION
- ▶ EASIER JOINT ING AND TERMINATION



JOURNEY_{TO}
THE FUTURE



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