

SCOPE:

This specification describes aluminum, concentric-neutral power-cable having Tree-Retardant Cross-Linked Polyethylene (TR-XLPE) insulation and a Cross-Linked Polyethylene (XLPE) jacket. The cable is designed for use in three-phase systems with voltage not exceeding 35000 volts phase to phase and conductor temperatures not exceeding 105°C for normal operation and 140°C for emergency overload conditions. The overall cable is rated for 250°C for short circuit conditions per ICEA S-94-649, while the concentric neutral is rated for 350°C for short circuits per ICEA P-45-482. The cables are suitable for direct burial and installation in ducts.

APPLICABLE STANDARDS:

The cable produced under this specification will comply with all applicable requirements of the following standards, which are the principal standards of this product:

- **ICEA S-94-649** – Standard for Concentric Neutral Cables Rated 5 through 46 KV
- **AEIC CS8** – Specification for Extruded Dielectric, Shielded Power Cables Rated 5 through 46 KV
- **UL1072 – MV90 and MV105** – Standard for Medium-Voltage Power Cables
- **CSA 68.5** – Shielded and concentric neutral power cable for distribution utilities
- **CSA 68.10** – Shielded Power Cable for Commercial and Industrial Applications, 5-46 KV

Cable components, raw materials, and testing procedures shall meet the requirements of publications referenced in relevant parts of the principal standards including, but not limited to

- **ASTM B 3** – Standard Specification for Soft or Annealed Copper Wire
- **ASTM B 5** – Standard Specification for High Conductivity Tough-Pitch Copper Refinery Shapes
- **ASTM B 231** – Standard Specification for Concentric-Lay-Stranded Aluminum 1350 Conductors
- **ICEA T-31-610** – Test Method for Conducting Longitudinal Water Penetration Resistance Tests

CONSTRUCTION:

A "DISCHARGE-FREE" design concept underpins the manufacture of this cable. Conductor shield, insulation, and insulation shield are extruded simultaneously over the conductor by using triple-extrusion and dry-curing technology. The insulation shield is designed to be strippable.

Double-helix compatible water-blocking yarn is used on all conductors. Water-swellable tape is applied over the insulation shield.

QUALITY CONTROL:

All compounds are handled and loaded in a **Class 10000** clean room.

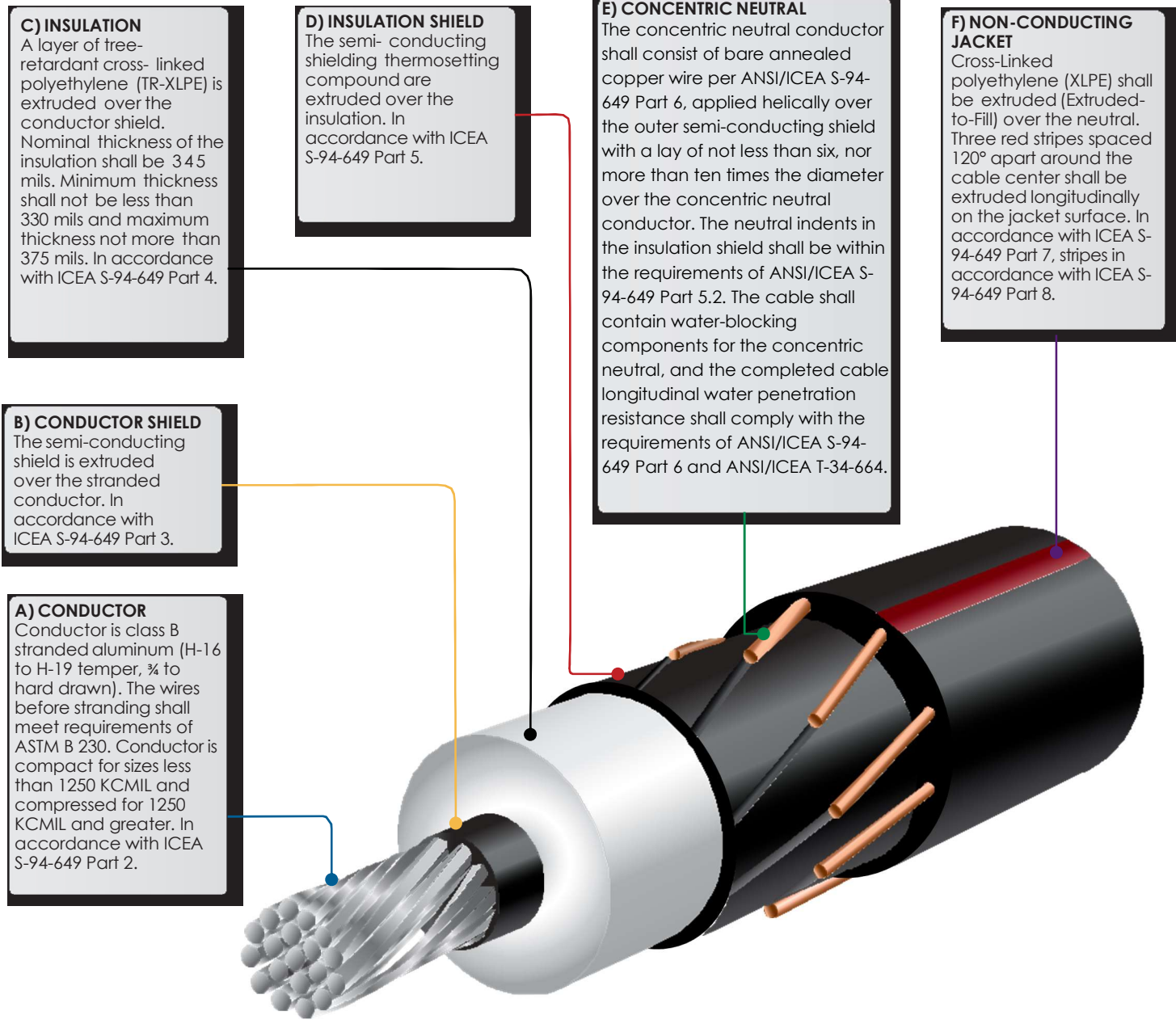
An optical pellet analyzer is used by the supplier to perform 100% pellet inspection.

SURFACE PRINT (EVERY 24"):

WTEC [YEAR] (UL) TYPE MV-105 [SIZE] STRANDFILLED AL 35KV 100% INSUL LEVEL 345 MIL TRXLPE CN [NEUTRAL] XLPE
105C ICEA S-94-649 c(UL) [LIGHTNING SYMBOL] 0000 FT

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C) INSULATION
A layer of tree-retardant cross-linked polyethylene (TR-XLPE) is extruded over the conductor shield. Nominal thickness of the insulation shall be 345 mils. Minimum thickness shall not be less than 330 mils and maximum thickness not more than 375 mils. In accordance with ICEA S-94-649 Part 4.

D) INSULATION SHIELD
The semi-conducting shielding thermosetting compound are extruded over the insulation. In accordance with ICEA S-94-649 Part 5.

E) CONCENTRIC NEUTRAL
The concentric neutral conductor shall consist of bare annealed copper wire per ANSI/ICEA S-94-649 Part 6, applied helically over the outer semi-conducting shield with a lay of not less than six, nor more than ten times the diameter over the concentric neutral conductor. The neutral indents in the insulation shield shall be within the requirements of ANSI/ICEA S-94-649 Part 5.2. The cable shall contain water-blocking components for the concentric neutral, and the completed cable longitudinal water penetration resistance shall comply with the requirements of ANSI/ICEA S-94-649 Part 6 and ANSI/ICEA T-34-664.

F) NON-CONDUCTING JACKET
Cross-Linked polyethylene (XLPE) shall be extruded (Extruded-to-Fill) over the neutral. Three red stripes spaced 120° apart around the cable center shall be extruded longitudinally on the jacket surface. In accordance with ICEA S-94-649 Part 7, stripes in accordance with ICEA S-94-649 Part 8.

B) CONDUCTOR SHIELD
The semi-conducting shield is extruded over the stranded conductor. In accordance with ICEA S-94-649 Part 3.

A) CONDUCTOR
Conductor is class B stranded aluminum (H-16 to H-19 temper, ¾ to hard drawn). The wires before stranding shall meet requirements of ASTM B 230. Conductor is compact for sizes less than 1250 KCMIL and compressed for 1250 KCMIL and greater. In accordance with ICEA S-94-649 Part 2.

TESTING:

Cable shall be tested as described in Parts 9 and 10 of ICEA S-94-649 and part G of AEIC CS8. Corresponding production tests shall be done in accordance with ICEA T-27-581, ICEA T-28-562, ICEA T-24-380, and ICEA T-31-610. Factory test reports are available upon request.

TEMPERATURE RATINGS:

- Conductor maximum continuous temperature = 105°C
- Emergency temperature = 140°C
- Storing & working temperature range = -40...+105°C
- Installation & handling temperature = -10...+40°C

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PHYSICAL PARAMETERS

| Phase Conductor *** | | | Copper Neutral | | | Thickness (Mils) | | | Diameter (Mils) | | | Approximate Weight (lb/kft) | Ampacity | |
|---------------------|------------------|-----------|----------------|---------|-----------------|-------------------|-----------------------------|------------------|----------------------|-------------------|---------------|-----------------------------|-----------|---------|
| Part # | Size (AWG/KCMIL) | Stranding | Size | # Wires | Wire Size (AWG) | Insulation (Nom.) | Insulation Shield (Min/Max) | Jacket (Min/Max) | Bare Phase Conductor | Insulation (Nom.) | Jacket (Nom.) | | Trefoil * | Flat ** |
| A01_OBQFT0414CFX1F4 | 1/0 | 19 | 1/3 | 4 | 14 | 345 | 40/75 | 65/95 | 362 | 1092 | 1480 | 839 | 196 | 219 |
| A01_OBQFT0614CFX1F4 | 1/0 | 19 | 1/2 | 6 | 14 | 345 | 40/75 | 65/95 | 362 | 1092 | 1480 | 865 | 196 | 219 |
| A01_OBQFT0814CFX1F4 | 1/0 | 19 | 2/3 | 8 | 14 | 345 | 40/75 | 65/95 | 362 | 1092 | 1480 | 890 | 196 | 219 |
| A01_OBQFT1214CFX1F4 | 1/0 | 19 | Full | 12 | 14 | 345 | 40/75 | 65/95 | 362 | 1092 | 1480 | 940 | 196 | 219 |
| A02_OBQFT0514CFX1F4 | 2/0 | 19 | 1/3 | 5 | 14 | 345 | 40/75 | 65/95 | 410 | 1150 | 1538 | 925 | 227 | 253 |
| A02_OBQFT0814CFX1F4 | 2/0 | 19 | 1/2 | 8 | 14 | 345 | 40/75 | 65/95 | 410 | 1150 | 1538 | 963 | 227 | 253 |
| A02_OBQFT1014CFX1F4 | 2/0 | 19 | 2/3 | 10 | 14 | 345 | 40/75 | 65/95 | 410 | 1150 | 1538 | 988 | 227 | 253 |
| A02_OBQFT1514CFX1F4 | 2/0 | 19 | Full | 15 | 14 | 345 | 40/75 | 65/95 | 410 | 1150 | 1538 | 1051 | 227 | 253 |
| A03_OBQFT0714CFX1F4 | 3/0 | 19 | 1/3 | 7 | 14 | 345 | 40/75 | 65/95 | 457 | 1197 | 1585 | 1018 | 263 | 294 |
| A03_OBQFT1014CFX1F4 | 3/0 | 19 | 1/2 | 10 | 14 | 345 | 40/75 | 65/95 | 457 | 1197 | 1585 | 1056 | 263 | 294 |
| A03_OBQFT1314CFX1F4 | 3/0 | 19 | 2/3 | 13 | 14 | 345 | 40/75 | 65/95 | 457 | 1197 | 1585 | 1094 | 263 | 294 |
| A03_OBQFT1914CFX1F4 | 3/0 | 19 | Full | 19 | 14 | 345 | 40/75 | 65/95 | 457 | 1197 | 1585 | 1170 | 263 | 294 |
| A04_OBQFT0814CFX1F4 | 4/0 | 19 | 1/3 | 8 | 14 | 345 | 40/75 | 45/80 | 496 | 1236 | 1604 | 1081 | 296 | 331 |
| A04_OBQFT1214CFX1F4 | 4/0 | 19 | 1/2 | 12 | 14 | 345 | 40/75 | 45/80 | 496 | 1236 | 1604 | 1132 | 296 | 331 |
| A04_OBQFT1614CFX1F4 | 4/0 | 19 | 2/3 | 16 | 14 | 345 | 40/75 | 45/80 | 496 | 1236 | 1604 | 1182 | 296 | 331 |
| A04_OBQFT2314CFX1F4 | 4/0 | 19 | Full | 23 | 14 | 345 | 40/75 | 45/80 | 496 | 1236 | 1604 | 1270 | 296 | 331 |
| A0250BQFT0514CFX1F4 | 250 | 37 | 1/6 | 5 | 14 | 345 | 40/75 | 70/120 | 543 | 1283 | 1691 | 1157 | 325 | 363 |
| A0250BQFT0914CFX1F4 | 250 | 37 | 1/3 | 9 | 14 | 345 | 40/75 | 70/120 | 543 | 1283 | 1691 | 1207 | 325 | 363 |
| A0250BQFT1414CFX1F4 | 250 | 37 | 1/2 | 14 | 14 | 345 | 40/75 | 70/120 | 543 | 1283 | 1691 | 1270 | 325 | 363 |
| A0350BQFT0414CFX1F4 | 350 | 37 | 1/12 | 4 | 14 | 345 | 40/75 | 70/120 | 620 | 1360 | 1768 | 1297 | 389 | 434 |
| A0350BQFT0714CFX1F4 | 350 | 37 | 1/6 | 7 | 14 | 345 | 40/75 | 70/120 | 620 | 1360 | 1768 | 1335 | 389 | 434 |
| A0350BQFT1314CFX1F4 | 350 | 37 | 1/3 | 13 | 14 | 345 | 40/75 | 70/120 | 620 | 1360 | 1768 | 1411 | 389 | 434 |
| A0350BQFT1914CFX1F4 | 350 | 37 | 1/2 | 19 | 14 | 345 | 40/75 | 70/120 | 620 | 1360 | 1768 | 1487 | 389 | 434 |
| A0500BQFT0914CFX1F4 | 500 | 36 | 1/6 | 9 | 14 | 345 | 55/90 | 70/120 | 744 | 1484 | 1922 | 1642 | 477 | 531 |
| A0500BQFT1814CFX1F4 | 500 | 36 | 1/3 | 18 | 14 | 345 | 55/90 | 70/120 | 744 | 1484 | 1922 | 1755 | 477 | 531 |
| A0500BQFT2714CFX1F4 | 500 | 36 | 1/2 | 27 | 14 | 345 | 55/90 | 70/120 | 744 | 1484 | 1922 | 1868 | 477 | 531 |
| A0750BQFT1414CFX1F4 | 750 | 60 | 1/6 | 14 | 14 | 345 | 55/90 | 70/120 | 917 | 1667 | 2105 | 2092 | 586 | 652 |
| A0750BQFT2714CFX1F4 | 750 | 60 | 1/3 | 27 | 14 | 345 | 55/90 | 70/120 | 917 | 1667 | 2105 | 2256 | 586 | 652 |
| A0750BQFT2612CFX1F4 | 750 | 60 | 1/2 | 26 | 12 | 345 | 55/90 | 70/120 | 917 | 1667 | 2139 | 2481 | 587 | 652 |
| A1000BQFT0914CFX1F4 | 1000 | 60 | 1/12 | 9 | 14 | 345 | 55/90 | 70/120 | 1059 | 1809 | 2247 | 2378 | 692 | 769 |
| A1000BQFT1214CFX1F4 | 1000 | 60 | 1/9 | 12 | 14 | 345 | 55/90 | 70/120 | 1059 | 1809 | 2247 | 2416 | 692 | 769 |
| A1000BQFT1814CFX1F4 | 1000 | 60 | 1/6 | 18 | 14 | 345 | 55/90 | 70/120 | 1059 | 1809 | 2247 | 2491 | 692 | 769 |
| A1000BQFT3614CFX1F4 | 1000 | 60 | 1/3 | 36 | 14 | 345 | 55/90 | 70/120 | 1059 | 1809 | 2247 | 2718 | 692 | 769 |
| A1000BQFT3412CFX1F4 | 1000 | 60 | 1/2 | 34 | 12 | 345 | 55/90 | 70/120 | 1059 | 1809 | 2281 | 2993 | 693 | 769 |
| A1250BCFT1214CFX1F4 | 1250 | 90 | 1/12 | 12 | 14 | 345 | 55/90 | 70/120 | 1196 | 1954 | 2392 | 2772 | 785 | 874 |
| A1250BCFT1514CFX1F4 | 1250 | 90 | 1/9 | 15 | 14 | 345 | 55/90 | 70/120 | 1196 | 1954 | 2392 | 2810 | 785 | 874 |
| A1250BCFT2314CFX1F4 | 1250 | 90 | 1/6 | 23 | 14 | 345 | 55/90 | 70/120 | 1196 | 1954 | 2392 | 2911 | 785 | 874 |
| A1250BCFT2912CFX1F4 | 1250 | 90 | 1/3 | 29 | 12 | 345 | 55/90 | 70/120 | 1196 | 1954 | 2426 | 3252 | 787 | 875 |
| A1250BCFT2710CFX1F4 | 1250 | 90 | 1/2 | 27 | 10 | 345 | 55/90 | 70/120 | 1196 | 1954 | 2468 | 3596 | 788 | 875 |
| A1500BCFT1414CFX1F4 | 1500 | 91 | 1/12 | 14 | 14 | 345 | 55/90 | 70/120 | 1302 | 2062 | 2500 | 3124 | 861 | 961 |
| A1500BCFT2114CFX1F4 | 1500 | 91 | 1/8 | 21 | 14 | 345 | 55/90 | 70/120 | 1302 | 2064 | 2502 | 3214 | 860 | 960 |
| A1500BCFT2714CFX1F4 | 1500 | 91 | 1/6 | 27 | 14 | 345 | 55/90 | 70/120 | 1302 | 2064 | 2502 | 3289 | 860 | 960 |
| A1500BCFT2210CFX1F4 | 1500 | 91 | 1/3 | 22 | 10 | 345 | 55/90 | 70/120 | 1302 | 2064 | 2578 | 3770 | 869 | 966 |

*Values are calculated using CYMCAP 7.3 Rev. 2 by CYME International T&D with the following assumptions: 105°C conductor temperature, 100% load factor, direct buried, 36" burial depth, 20°C ambient temperature, native soil thermal resistivity is 100 °C•cm/W. Neutral ends are single-point bonded. Cables are triplexed. Additional ampacity values can be calculated for other assumptions by request.

**Neutrals cross-bonded in the flat formation for phase conductors 750 KCMIL and above. Cables are spaced 8" between cable centers in the flat formation.

*** Per ASTM standards, number of strands may vary as follows 18-19, 35-37, 58-61, 85-91

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ELECTRICAL PARAMETERS FOR CABLES IN TREFOIL FORMATION *

| Part # | Size (AWG/KCML) | # Wires | Wire Size (AWG) | Positive/Negative Sequence Impedance ($\mu\Omega/\text{ft}$) | Zero Sequence Impedance ($\mu\Omega/\text{ft}$) | Capacitance ($\mu\text{F}/1000\text{ft}$) | Inductance (mH/1000ft) | DC resistance ($\Omega/1000\text{ft}$) | | AC resistance ($\Omega/1000\text{ft}$) | |
|---------------------|-----------------|---------|-----------------|--|---|---|------------------------|--|---------|--|---------|
| | | | | | | | | 20C | 105C | 20C | 105C |
| A01_OBQFT0414CFX1F4 | 1/0 | 4 | 14 | 250+j54 | 304+j745 | 0.03901 | 0.14334 | 0.18594 | 0.24963 | 0.18601 | 0.24968 |
| A01_OBQFT0614CFX1F4 | 1/0 | 6 | 14 | 250+j54 | 304+j745 | 0.03901 | 0.14334 | 0.18594 | 0.24963 | 0.18601 | 0.24968 |
| A01_OBQFT0814CFX1F4 | 1/0 | 8 | 14 | 250+j54 | 304+j780 | 0.03901 | 0.14379 | 0.18594 | 0.24963 | 0.18601 | 0.24968 |
| A01_OBQFT1214CFX1F4 | 1/0 | 12 | 14 | 250+j54 | 304+j745 | 0.03901 | 0.14334 | 0.18594 | 0.24963 | 0.18601 | 0.24968 |
| A02_OBQFT0514CFX1F4 | 2/0 | 5 | 14 | 191+j52 | 245+j741 | 0.04237 | 0.13713 | 0.14216 | 0.19085 | 0.14225 | 0.19092 |
| A02_OBQFT0814CFX1F4 | 2/0 | 8 | 14 | 191+j52 | 245+j740 | 0.04237 | 0.13809 | 0.14216 | 0.19085 | 0.14225 | 0.19092 |
| A02_OBQFT1014CFX1F4 | 2/0 | 10 | 14 | 191+j52 | 245+j740 | 0.04237 | 0.13809 | 0.14216 | 0.19085 | 0.14225 | 0.19092 |
| A02_OBQFT1514CFX1F4 | 2/0 | 15 | 14 | 191+j52 | 245+j740 | 0.04237 | 0.13809 | 0.14216 | 0.19085 | 0.14225 | 0.19092 |
| A03_OBQFT0714CFX1F4 | 3/0 | 7 | 14 | 145+j50 | 199+j737 | 0.04542 | 0.13331 | 0.10771 | 0.14461 | 0.10784 | 0.14470 |
| A03_OBQFT1014CFX1F4 | 3/0 | 10 | 14 | 145+j50 | 199+j737 | 0.04542 | 0.13331 | 0.10771 | 0.14461 | 0.10784 | 0.14470 |
| A03_OBQFT1314CFX1F4 | 3/0 | 13 | 14 | 145+j50 | 199+j737 | 0.04542 | 0.13331 | 0.10771 | 0.14461 | 0.10784 | 0.14470 |
| A03_OBQFT1914CFX1F4 | 3/0 | 19 | 14 | 145+j50 | 199+j737 | 0.04542 | 0.13331 | 0.10771 | 0.14461 | 0.10784 | 0.14470 |
| A04_OBQFT0814CFX1F4 | 4/0 | 8 | 14 | 117+j48 | 171+j735 | 0.04755 | 0.12905 | 0.08673 | 0.11644 | 0.08689 | 0.11656 |
| A04_OBQFT1214CFX1F4 | 4/0 | 12 | 14 | 117+j48 | 171+j735 | 0.04755 | 0.12905 | 0.08673 | 0.11644 | 0.08689 | 0.11656 |
| A04_OBQFT1614CFX1F4 | 4/0 | 16 | 14 | 117+j48 | 171+j735 | 0.04755 | 0.12905 | 0.08673 | 0.11644 | 0.08689 | 0.11656 |
| A04_OBQFT2314CFX1F4 | 4/0 | 23 | 14 | 117+j48 | 171+j735 | 0.04755 | 0.12905 | 0.08673 | 0.11644 | 0.08689 | 0.11656 |
| A0250BQFT0514CFX1F4 | 250 | 5 | 14 | 98+j47 | 152+j731 | 0.05060 | 0.12675 | 0.07311 | 0.09814 | 0.07330 | 0.09829 |
| A0250BQFT0914CFX1F4 | 250 | 9 | 14 | 98+j47 | 152+j731 | 0.05060 | 0.12675 | 0.07311 | 0.09814 | 0.07330 | 0.09829 |
| A0250BQFT1414CFX1F4 | 250 | 14 | 14 | 98+j47 | 152+j731 | 0.05060 | 0.12675 | 0.07311 | 0.09814 | 0.07330 | 0.09829 |
| A0350BQFT0414CFX1F4 | 350 | 4 | 14 | 71+j46 | 125+j725 | 0.05486 | 0.12138 | 0.05250 | 0.07048 | 0.05278 | 0.07069 |
| A0350BQFT0714CFX1F4 | 350 | 7 | 14 | 71+j46 | 125+j725 | 0.05486 | 0.12138 | 0.05250 | 0.07048 | 0.05278 | 0.07069 |
| A0350BQFT1314CFX1F4 | 350 | 13 | 14 | 71+j46 | 125+j725 | 0.05486 | 0.12138 | 0.05250 | 0.07048 | 0.05278 | 0.07069 |
| A0350BQFT1914CFX1F4 | 350 | 19 | 14 | 71+j46 | 125+j725 | 0.05486 | 0.12138 | 0.05250 | 0.07048 | 0.05278 | 0.07069 |
| A0500BQFT0914CFX1F4 | 500 | 9 | 14 | 49+j43 | 103+j751 | 0.06218 | 0.11535 | 0.03611 | 0.04847 | 0.03654 | 0.04879 |
| A0500BQFT1814CFX1F4 | 500 | 18 | 14 | 49+j43 | 103+j717 | 0.06218 | 0.11535 | 0.03611 | 0.04847 | 0.03654 | 0.04879 |
| A0500BQFT2714CFX1F4 | 500 | 27 | 14 | 49+j43 | 103+j717 | 0.06218 | 0.11535 | 0.03611 | 0.04847 | 0.03654 | 0.04879 |
| A0750BQFT1414CFX1F4 | 750 | 14 | 14 | 34+j41 | 88+j742 | 0.07285 | 0.10815 | 0.02480 | 0.03329 | 0.02546 | 0.03379 |
| A0750BQFT2714CFX1F4 | 750 | 27 | 14 | 34+j41 | 88+j708 | 0.07285 | 0.10815 | 0.02480 | 0.03329 | 0.02546 | 0.03379 |
| A0750BQFT2612CFX1F4 | 750 | 26 | 12 | 34+j41 | 88+j707 | 0.07285 | 0.10911 | 0.02480 | 0.03329 | 0.02545 | 0.03378 |
| A1000BQFT0914CFX1F4 | 1000 | 9 | 14 | 25+j39 | 79+j701 | 0.08108 | 0.10336 | 0.01814 | 0.02435 | 0.01908 | 0.02507 |
| A1000BQFT1214CFX1F4 | 1000 | 12 | 14 | 25+j39 | 79+j701 | 0.08108 | 0.10336 | 0.01814 | 0.02435 | 0.01908 | 0.02507 |
| A1000BQFT1814CFX1F4 | 1000 | 18 | 14 | 25+j39 | 79+j701 | 0.08108 | 0.10336 | 0.01814 | 0.02435 | 0.01908 | 0.02507 |
| A1000BQFT3614CFX1F4 | 1000 | 36 | 14 | 25+j39 | 79+j701 | 0.08108 | 0.10336 | 0.01814 | 0.02435 | 0.01908 | 0.02507 |
| A1000BQFT3412CFX1F4 | 1000 | 34 | 12 | 25+j39 | 79+j701 | 0.08108 | 0.10425 | 0.01814 | 0.02435 | 0.01907 | 0.02506 |
| A1250BCFT1214CFX1F4 | 1250 | 12 | 14 | 20+j38 | 74+j696 | 0.08931 | 0.09970 | 0.01422 | 0.01908 | 0.01544 | 0.02002 |
| A1250BCFT1514CFX1F4 | 1250 | 15 | 14 | 20+j38 | 74+j696 | 0.08931 | 0.09970 | 0.01422 | 0.01908 | 0.01544 | 0.02002 |
| A1250BCFT2314CFX1F4 | 1250 | 23 | 14 | 20+j38 | 74+j696 | 0.08931 | 0.09970 | 0.01422 | 0.01908 | 0.01544 | 0.02002 |
| A1250BCFT2912CFX1F4 | 1250 | 29 | 12 | 20+j38 | 74+j695 | 0.08992 | 0.09989 | 0.01422 | 0.01908 | 0.01543 | 0.02002 |
| A1250BCFT2710CFX1F4 | 1250 | 27 | 10 | 20+j38 | 74+j695 | 0.08931 | 0.10160 | 0.01422 | 0.01908 | 0.01541 | 0.02000 |
| A1500BCFT1414CFX1F4 | 1500 | 14 | 14 | 17+j37 | 71+j692 | 0.09571 | 0.09727 | 0.01180 | 0.01584 | 0.01326 | 0.01699 |
| A1500BCFT2114CFX1F4 | 1500 | 21 | 14 | 17+j37 | 71+j692 | 0.09571 | 0.09764 | 0.01180 | 0.01584 | 0.01326 | 0.01698 |
| A1500BCFT2714CFX1F4 | 1500 | 27 | 14 | 17+j37 | 71+j692 | 0.09571 | 0.09727 | 0.01180 | 0.01584 | 0.01326 | 0.01698 |
| A1500BCFT2210CFX1F4 | 1500 | 22 | 10 | 17+j37 | 71+j725 | 0.09571 | 0.09946 | 0.01180 | 0.01584 | 0.01323 | 0.01696 |

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