

TUC Materials vs Benchmarks



| Loss Performance | Tg | TUC | Panasonic | ISOLA | Shengyi | EMC | ITEQ | Doosan |
|------------------|-----|--|----------------------------|----------------------|------------|--------------------|-----------------------------------|--------------|
| Middle Loss | MTG | TU-747 HF | R1566WN | | S1150G | EM-285 | IT-150G | DS-7402 |
| | HTG | TU-862 HF TU-862S | Megtron 2 (R1577) | Green Speed | S7045G | EM-370(D) | IT-170GRA1 | DS-7402H |
| | | TU-865 | | IS-550H | S1190 | EM-370(Z) | | |
| Low Loss | HTG | TU-872 LK/SLK Thunderclad 1 (TU-863+) | Megtron 4 (R5725) | 408HR/ I-Speed | S7439 | EM-888 | IT-200LK IT-958G IT-170GRA2 | DS-7409D(X) |
| Very Low Loss | HTG | Thunderclad 2/2A (TU-883/TU-883A) | Megtron 6 (R5775) | I-Tera TerraGreen | Synamic 6 | EM-891 EM-528 | IT-968 IT-968G | DS-7409DV |
| | | TU-872 SLK Sp | | | | EM-888(K) | | |
| Super Low Loss | HTG | ThunderClad 2 Sp/2A Sp (TU-883 Sp/TU-883A Sp) | Megtron 6 (N) (R5775 N) | | | EM-891K EM-528K | IT-988G | |
| | | Thunderclad 3/ 3+ (TU-933/TU-933+) | Megtron 7(N) (R5785 N) | Tachyon-100G | Synamic 6N | EM-890K | | DS-7409DV(N) |
| Extreme Low Loss | HTG | Thunderclad 4N/4R (TU-943N/TU-943R) | Megtron 8 | TerraGreen-400G | | EM-892K | IT-988GSE | DS-7409DJ(N) |